

CALENDAR 2014

FACULTY OF
HEALTH SCIENCES
POST GRADUATE

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.puk.ac.za/jaarboek/index_e.html.

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

Head: Prof B Boneschans, BSc (Pharm) (PU for CHE), MSc (Pharmaceutics en 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

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: Dr P Bester, BCur (PU for CHE), MCur (Psigiatriese GemeenskapsNursing Sciences) (PU for CHE), Advanced University Diploma in Health Service Management and Education (NWU), PhD Nursing Sciences (NWU)

RESEARCH ENTITIES

Centre of Excellence for Nutrition

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 (PHARMACEN)

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: Africa Unit for Transdisciplinary Health Research (AUTHeR)

Director: Prof A Kruger, B Soc Sc (Nursing) (UOFS), Hons B Soc Sc (Nursing) (UOFS), MSoc Sc (Nursing) (UOFS), PhD (PU for CHE).

Focus area: Hypertension in Africa Research Team (HART)

Director: Prof AE Schutte, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (PU for CHE)

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

Director: Prof SJ Moss, BSc (PU for CHE), Hons BSc (Biochemistry) (PU for CHE), Hons BSc (Biokinetics) (PU for CHE), MSc (Biochemistry) (PU for CHE), PhD (PU for CHE).

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).

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 (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 Willemse, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (NWU)

Program Managers

Human Movement Sciences & Academic Programme Manager

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

Recreation Sciences:

Mr JT Weilbach, BCom (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:

Prof CJ Wilders, BJur (PU for CHE), BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD. (PU for CHE).

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).

Prof MA Monyeki, BA (UNIN), HED (UNIN), Hons BA (UNIN), MA (UNIN), PhD (VU).

Sport Science:

Dr 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):

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

Programme for Continuous Professional Training:

Mrs H 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:

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

Pharmaceutical Chemistry:

Prof JP Petzer, BPharm (PU for CHE), MSc (Farmaseutiese Chemie) (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 practise) (PU for CHE).

Clinical Pharmacy:

Mr LN Scheepers, BPharm (PU vir CHO), MSc (Clincial Pharmacy) (MEDUNSA).

SCHOOL OF PHYSIOLOGY, NUTRITION AND CONSUMER SCIENCES

Director: Prof SM Hanekom, BSc (PU for CHE), Post-graduate Diploma in Dietetics (UOFS), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (PU for CHE).

Programme managers

Dietetics:

Prof E Wentzel-Viljoen, BSc (Dietetics) (PU vir CHE), BSc Hons (Dietetics) (PU vir CHE), Diploma in Hospital Dietetics (US), Management Development Programme (Inst for Applied Management Sciences, US), PhD (Dietetics) (PU vir CHE).

Nutrition Sciences:

Dr AE van Graan, B Nutrition (US), MSc (Nutrition Management) (UWC), PhD (Nutrition) (NWU).

Occupational Hygiene:

Prof FC Eloff, BSc (PU vir CHE), Hons BSc (Fisiologie) (PU vir CHE), Hons BSc (Industrial Physiology) (PU vir CHE), MSc (Physiology) (PU vir CHE), DSc (Physiology) (PU vir CHE).

Subject Group Chairs

Physiology:

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

Consumer Sciences:

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

Nutrition:

Dr HH Wright, BSc (PU for CHE), Post-graduate Diploma in Dietetics (UP) Hons BSc (PU for CHE), MSc (PU for CHE), PhD (NWU).

SCHOOL OF PSYCHO-SOCIAL BEHAVIOURAL SCIENCES

Acting Director:. Prof AG Herbst, BA (MW) (UP), MA (MW) (UP), PhD (PU vir CHE)

Institute for Psychotherapy and Counselling

Head: Prof P Kruger

Subject Group Chairs

Psychology:

Dr AW Nienaber, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (Counselling Psychology) (PU for CHE), PhD (NWU).

Social Work:

Prof AG Herbst, BA (MW) (UP), MA (MW) (UP), PhD (PU vir CHE)

SCHOOL OF NURSING SCIENCE

Director: Prof MP Koen, BA Cur (Unisa), M Cur (Professional Nursing) (RAU), MA (Advanced Psychiatric Nursing Sciences) (PU for CHE), PhD (Nursing Sciences) (RAU).

Programme managers

BCur-program: 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, M.Cur (Midwifery & Neonatological Nursing Science), PhD (Nursing Science) (NWU).

Lectured Post graduate programmes: Dr E du Plessis, Diploma in Nursing Education, Certificate in Parish Nursing, MA (Psychiatric Community Nursing Science) (NWU), PhD (Nursing Science) (NWU).

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

EXECUTIVE MANAGEMENT COMMITTEE: FACULTY OF HEALTH SCIENCES

Chairperson: Prof AF Kotze (Dean)

Vice Chairperson: Prof J du Plessis

Secretary: Mrs S Lindeque (Sr Admin Officer)

Boneschans, B (Prof)	Bloem, CHM (Prof)
De Ridder, JH (Prof)	Minnie, CS (Dr)
Grobler, AF (Prof)	Moss, SJ (Prof)
Hanekom, SM (Prof)	Schutte, AE (Prof)
Jerling, JC (Prof)	Temane, QM (Prof)
Koen, MP (Prof)	Van Dyk, S (Prof)
Kruger, A (Prof)	Mev C Postma (Administrative Manager)
Lubbe, MS (Prof)	

FACULTY BOARD: FACULTY OF HEALTH SCIENCES

Tel	Name	Position
Office of the Dean		
2223	1. Prof AF (Awie) Kotzé	Dean (Chairperson)
2221	2. Mrs C (Corrie) Postma	Administrative Manager
School of Biokinetics, Recreation and Sport Sciences		
1791	3. Prof JH (Hans) de Ridder	Director & Professor
1795	4. Prof DDJ (Dawie) Malan	Professor (Sport Sciences)
1790	5. Prof MA (Andries) Monyeki	Professor (Human Movement Sciences)
1796	6. Prof AE (Anita) Pienaar	Professor (Kinderkinetics)
1801	7. Prof CJ (Cilas) Wilders	Professor (Biokinetics)
1809	8. Dr M (Mariëtte) Swanepoel	Senior Lecturer (Biokinetics)
2034	9. Ms E (Erna) Bruwer	Lecturer (Human Movement Sciences)
1797	10. Ms W (Wilmarié) du Plessis	Lecturer(Kinderkinetics)
2038	11. Ms N (Natasha) Peters	Lecturer (Recreation Sciences)
4284	12. Mrs C (Cindy) Pienaar	Lecturer(Sport Sciences)
1802	13. Mr PH (Pieter) van den Berg	Lecturer(Dipl. Sport Sciences)
2037	14. Mr T (Theron) Weilbach	Lecturer(Recreation Sciences)
1811	15. Dr Y (Yolandi) Willemse	Senior Subject Specialist (Sport Sciences)
School of Pharmacy		
2267	16. Prof S (Sandra) van Dyk	Director and Associate Professor
2234	17. Prof CB (Tiaan) Brink	Professor (Pharmacology)
2249	18. Prof PJ (Pieter) Milne	Professor (Pharmaceutical Chemistry)
2271	19. Prof DW (Douglas) Oliver	Professor (Pharmacology)
2233	20. Prof L (Linda) Brand	Associate Professor (Pharmacology)
4246	21. Dr LH (Lissinda) du Plessis	Senior Lecturer(Pharmaceutics)
2276	22. Prof AF (Dries) Marais	Associate Professor (Pharmaceutics)
2206	23. Prof JP (Jacques) Petzer	Associate Professor (Pharmaceutical Chemistry)
2275	24. Prof JC (Anita) Wessels	Expert Subject Specialist (Pharmaceutical Chemistry)
2255	25. Mr WD (Willem) Basson	Senior Lecturer(Pharmacy Practice)
2285	26. Dr JR (Johanita) Burger	Senior Lecturer(Pharmacy Practice)
2204	27. Dr JM (Jesslee) du Plessis	Senior Lecturer(Clinical Pharmacy)
4073	28. Mrs JH (Hannlie) Hamman	Senior Lecturer (Continuous Professional Education)
2239	29. Mrs I (Irma) Kotzé	Senior Lecturer

Tel	Name	Position
2254	30. Dr JC (Johan) Lamprecht	Senior Lecturer(Clinical Pharmacy)
2364	31. Dr DM (Dorcas) Rakumakoe	Senior Lecturer(Clinical Pharmacy)
2183	32. Mr LN (Nico) Scheepers	Senior Lektor (Clinical Pharmacy)
2277	33. Dr MM (Maides) Malan	Senior Lecturer(Pharmaceutics)
2276	34. Dr JH (Jan) Steenekamp	Senior Lecturer(Pharmaceutics)
2273	35. Dr JM (Joe) Viljoen	Senior Lecturer(Pharmaceutics)
2272	36. Mrs MA (Mariëtta) Fourie	Lecturer(Pharmaceutics)
2230	37. Mr PdeW (Dewet) Wolmarans	Lecturer(Pharmacology)
2322	38. Dr M (Marius) Brits	Expert Subject Specialist (NIIF)
<i>School of Physiology, Nutrition and Consumer Sciences</i>		
2027	39. Prof SM (Grieta) Hanekom	Director & Associate Professor
2439	40. Prof HW (Hugo) Huisman	Professor (Physiology)
2482	41. Prof HS (Salome) Kruger	Professor (Nutrition)
2438	42. Prof L (Leone) Malan	Professor (Physiology)
4670	43. Prof M (Marius) Smuts	Professor (Nutrition)
2440	44. Prof JM (Johannes) van Rooyen	Professor (Physiology)
2467	45. Prof E (Edelweiss) Wentzel-Viljoen	Professor (Nutrition)
2434	46. Prof JL (Johan) du Plessis	Associate Professor (Physiology)
2435	47. Prof R (Rudolph) Schutte	Associate Professor (Physiology)
2476	48. Prof M (Daleen) van der Merwe	Associate Professor (Consumer Sciences)
4011	49. Dr NM (Namukolo) Covic	Senior Lecturer(Nutrition)
4283	50. Dr CMT (Carla) Fourie	Senior Lecturer (Physiology)
2467	51. Dr AE (Averalda) van Graan	Senior Lecturer(Nutrition)
4669	52. Dr HH (Hattie) Wright	Senior Lecturer(Nutrition)
4011	53. Dr RC (Robin) Dolman	Lecturer(Nutrition)
2083	54. Mrs N (Neoline) le Roux	Lecturer (Consumer Sciences)
2474	55. Ms A (Annchen) Mielmann	Lecturer(Consumer Sciences)
2084	56. Dr H (Hanlie) van Staden	Lecturer (Consumer Sciences)
<i>School of Psychosocial Behaviour Sciences</i>		
4079	57. Vacant	Director
1677	58. Prof H (Herman) Strydom	Professor (Social Work)
1681	59. Prof ML (Mike) Weyers	Professor (Social Work)
1735	60. Prof KFH (Karel) Botha	Associate Professor (Psychology)
1675	61. Prof AG (Alida) Herbst	Senior Lecturer(Social Work)
1726	62. Prof JC (Johan) Potgieter	Associate Professor (Psychology)

Tel	Name	Position
1679	63. Prof P (Pedro) Rankin	Associate Professor (Social Work)
1727	64. Prof E (Esmé) van Rensburg	Associate Professor (Psychology)
1683	65. Prof CC (Cornelia) Wessels	Associate Professor (Social Work)
1687	66. Prof EH (Elma) Ryke	Associate Professor (Social Work)
1731	67. Dr AW (Alida) Nienaber	Senior Lecturer(Psychology)
1684	68. Dr MM (Marie) Steyn	Senior Lecturer(Social Work)
School of Nursing Sciences		
1889	69. Prof MP (Daleen) Koen	Director & Professor
1884	70. Dr E (Emmerentia) du Plessis	Senior Lecturer
1837	71. Dr A (Antoinette) du Preez	Senior Lecturer
1853	72. Dr R (Ronel) Pretorius	Senior Lecturer
Centre of Excellence in Nutrition (CEN)		
2481	73. Prof JC (Johann) Jerling	Director & Professor
4668	74. Prof M (Marlien) Pieters	Associate Professor
2480	75. Dr K (Karin) Conradie	Senior Lecturer
Centre of Excellence in Pharmaceutical Sciences (PHARMACEN)		
2274	76. Prof J (Jeanetta) du Plessis	Director & Professor
2238	77. Prof BH (Brian) Harvey	Professor
4467	78. Prof W (Wilna) Liebenberg	Professor
4035	79. Prof SH (Sias) Hamman	Research Professor
Research entity: Africa Unit for Transdisciplinary Health Research (AUTHeR)		
4037	80. Prof A (Annamarie) Kruger	Director & Professor
1901	81. Prof M (Minrie) Greeff	Professor
1725	82. Prof V (Vera) Roos	Professor (Psychology)
Focusarea: Hypertension in Africa Research Team (HART)		
2444	83. Prof AE (Alta) Schutte	Director & Professor
2053	84. Dr W (Wayne) Smith	Senior Lecturer
1983	85. Dr C (Carina) Mels	Senior Lecturer
Focusarea: Physical Activity, Sport and Recreation (PHASRek)		
1821	86. Prof SJ (Hanlie) Moss	Director & Associate Professor
Fokusarea: Quality in Nursing and Midwifery (INSINQ)		
1836	87. Dr CS (Karin) Minnie	Director & Senior Lecturer
Niche area: Medicine usage in South Africa (MUSA)		
2288	88. Prof MS (Martie) Lubbe	Niche area leader & Professor
Centre for Child-, Youth- and Family studies (CCYF)		
	89. Prof CHM (Retha) Bloem	Head & Associate Professor

Tel	Name	Position
<i>Centre for Pharmaceutical and Biomedical Services (CPBS)</i>		
2280	90. Prof B (Banie) Boneschans	Head & Professor
2325	91. Dr E (Erna) Swanepoel	Head: RIIP/CENQAM (Specialist Scientific Officer)
<i>DST/NWU Preclinical Drug Development Platform (PDDP)</i>		
4467	92. Prof AF (Anne) Grobler	Director & Professor
<i>Vivarium</i>		
2102	93. Mnr CJJ (Cor) Bester	Head
<i>Student representative</i>		
<i>Representatives of other faculties / entities</i>		
2306	94. Prof FH (Francois) van der Westhuizen	Natural Sciences
1367	95. Dr A (Alewyn) Nel	Economic & Management Sciences
1627	96. Prof SJ (Johann) Zaaiman	Arts
1591	97. Prof FW (Fritz) de Wet	Theology
1729	98. Dr P (Petra) Bester	Unit for Open Distance Learning (UODL): Academic Co-ordinator

G.1 FACULTY RULES

G.1.1 AUTHORITY OF THE GENERAL RULES

The faculty rules applicable to the different qualifications, programmes and curricula of this faculty and contained in this faculty calendar 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 should therefore be read in conjunction with the General Rules.

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 reflected at a specific programme.

G.1.2.1 General rules:

The following general rules apply:

G.1.2.1.1 Application for admission

- a) A prospective post graduate 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.
- b) 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.
- c) A prospective post graduate 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.

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 for a specific qualification programme per annum 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 studyleader/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 post graduate student fails to register during the determined registration cycle of the specific academic year, he/she must re-apply for admission to the University.

- c) A post graduate student who fails to register before 31 March annually, may in the same calendar year, apply to the dean for late registration. Late registration penalites as approved by the Senate will apply. Late registrations will only be permitted until 31 May.
- d) An existing post graduate 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 to pay outstanding tuition fees of preceding study year(s) also.

G.1.2.1.4 Duration of registration

- a) A Post graduate student who is admitted to the University and 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 progress.

G.1.2.1.5 Amendment or cancellation of registration

- a) A post graduate student's registration may only be amended or cancelled on application 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 whose registration is cancelled or terminated, and who received bursaries from the University is liable to make arrangements for reimbursement.

G.1.2.1.6 Erroneous registration

- a) The University 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 post graduate 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 post graduate student may not be registered simultaneously at the University and at another 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 post graduate student may not be registered simultaneously for more than one qualification within the University without prior written permission granted by the dean or deans concerned.

G.1.2.1.10 Use of the University's facilities by registered students

- a) Subject to specific exceptions granted by the campus registrar concerned, only registered post graduate students are entitled to utilize the 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 post graduate 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 post graduate 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. A students' studies will be regarded cancelled if he/she fails to register 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. Requests must be accompanied by supporting documents. Application for interruption of studies will be approved for one academic year only. Such students will have no entitlement to re-admission if the entity experiences any restrictions in capacity.

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 penultimate academic year, apply to the school director concerned for an extension of the study period.
- c) Masters and doctoral students who are not expected to complete their studies within the maximum number of years may, before the end of the penultimate academic year, apply 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 post graduate 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 post graduate student who has studied at another recognised higher education institution and who applies to register in a 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 post graduate student who has acquired a qualification from the University or any other recognized higher education institution and who applies for registration in a qualification programme at the University, may apply in writing to the research director/-leader concerned who will make a recommendation to the faculty board for recognition or exemption of modules required for the qualification programme for which the student wishes to register, provided that recognition or exemption for no more than half of the credits, preferably regarding the modules in the junior year levels of the qualification programme concerned may be granted.
- c) Any registered post graduate student who wishes to change to a different curriculum, may within the framework of the applicable rules apply in writing to the faculty board for the recognition or exemption of modules already passed which are included in the curriculum to which the student wishes to change.
- d) Stipulations concerning the period of recognition or exemption of modules or exemption or recognition of only certain modules will be specified in this calendar where applicable.

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 terminated.
- c) If, in any year, a student fails to re-register as student at the time determined in the annual calendar, the faculty board concerned 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 masters degree study to doctoral study

- a) A candidate registered for a masters 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 masters 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 masters 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 masters degree papers, where applicable, have 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, 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 already, still fails to complete the study.
- b) A post graduate student, whose studies have been terminated by the faculty, will not be re-admitted to the same programme in a following academic year.
- c) A post graduate student, whose studies have been terminated by the faculty may apply for admission to another study programme, but should indicate in the application about 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 leured masters 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 masters degree is moderated externally unless the module is examined externally.
- c) Studyleaders/promoters shall 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 must be appointed.

- e) Examiners should be cleared of any conflict of interest.
- f) External examiners should not be associated to the same institution.
- g) Examiners should as a minimum requirement be in possession of an equivalent qualification.
- h) No examiner may in any manner have been involved 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 in the time table 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 it 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 after successful examination be submitted for safekeeping, are determined by Academic 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 or mini-dissertation must comply with the technical requirements provided for in faculty rules, or requirements by the entity.
- f) With the submission of a dissertation or mini-dissertation which is not submitted in the form of a series of manuscripts or in article format, faculty rules do not require proof that a research article was submitted to an accredited journal.
- g) With the submission of a thesis which is not submitted in the form of a series of manuscripts or in article format, faculty rules require proof that at least one (1) research article was submitted to an accredited journal. Proof of submission of the article must be binded with the thesis. A maximum number of articles is however not determined, and the specifications of the A-rules hold.
- h) Where a masters or doctoral candidate is allowed to submit a dissertation/mini-dissertation or thesis in the article format and 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. This rule is also binding if only one article is used.

- 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 must be reported immediately. The dean will appoint fresh 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 that fact 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 the 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 provide otherwise.
- b) A student who fails one or more of the modules of an honours-/lectured masters 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 a honours-/lectured masters programme except one, may apply to the dean concerned for a final assessment opportunity in the outstanding lectured module, for which payment of the required amount, but not registration, is required. Specifications in this yearbook shall be considered.

G.1.2.1.25 Examination (Masters and doctoral degrees)

- a) Concerning the examination for the purpose of attainment of a masters 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 Academic Administration, which provides the examiners' reports to the research director/-leader and/or post graduate co-ordinator concerned, for processing and approval at the faculty board.
- d) All examination reports and final results must be considered by the faculty board before the student is informed of the outcome.
- e) With regard to a dissertation/mini-dissertation or thesis, an examiner may recommend the following:
 - That it be accepted unconditionally (option 1);
 - That it be accepted on condition that specified corrections be made (option 2);

- That it be referred back to the candidate for revision and/or elaboration and resubmission for re-examination (option 3);
 - That it be 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 the examiners.
 - g) Where the examiners are unanimous about a student's passing subject to par i below, the decision is final.
 - h) Where examiners differ materially about the evaluation of a dissertation/mini-dissertation or thesis, the dean appoints 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. (The outcome of such evaluation will be decisive).
 - 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 masters 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 74% the Dean may adjust the mark to 75% (pass with distinction) unless he/she is of the opinion that the study does not meet the terms thereof.
 - m) A student who fails any lectured masters 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 1 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) who referred it back, unless immense adjustments were made.

- p) A revised or elaborated dissertation/mini-dissertation or thesis must be accompanied by a memorandum from the study leader/promoter to update the examiner of the adjustments made.
- q) A postgraduate student, to whom the degree concerned is not awarded after examination, may, in case of dissatisfaction with any aspect with the procedures followed in the examination 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.
- r) A post graduate 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 masters 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.1.3 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.puk.ac.za/beheer-bestuur/beleid-reels/index_e.html

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.

STRUCTURES WITHIN THE FACULTY OF HEALTH SCIENCES

Office of the Dean

SCHOOLS & INSTITUTES



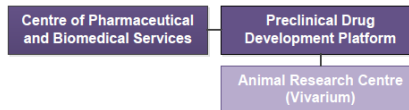
RESEARCH ENTITIES & SUPPORT SERVICES



CENTRE

Centre for Child, Youth and Family Studies

IMPLEMENTATION OF EXPERTISE



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 post graduate degrees in the Faculty of Health Sciences:

Qualification	Programme and code	Curriculum and code	Method of delivery	NQF level
Honours degrees:				
Honours Bachelor of Arts (Hons BA)	Recreation: 102161	Recreation: G607P	Full-time	7
Honours Bachelor of Arts (Hons BA)	Biokinetics: 102165	Biokinetics: G601P	Full time	7
Honours Bachelor of Arts (Hons BA)	Kinderkinetics: 102166	Kinderkinetics: G602P	Full-time	7
Honours Bachelor of Arts (Hons BA)	Sport Science: 102167	Sport Science: G603P	Full-time	7
Honours Bachelor of Arts (Hons BA)	Psychology: 102162	Psychology G638P	Full-time	7
Honours Bachelor of Science (Hons BSc)	Biokinetics: 202150	Biokinetics G601P	Full-time	7
Honours Bachelor of Science (Hons BSc)	Kinderkinetics: 202151	Kinderkinetics: G602P	Full-time	7
Honours Bachelor of Science (Hons BSc)	Sport Science: 202152	Sport Science: G603P	Full-time	7
Honours Baccalaureus Scientiae Pharmacology (Hons BSc Pharmacol)	Pharmacology: 840100	Pharmacology: G640P	Open distance learning / Distance	7
Honours Bachelor of Science (Hons BSc)	Physiology: 202131	Physiology: G624P	Full-time / Part-time	7
Honours Bachelor of Science (Hons BSc)	Nutrition: 202132	Nutrition: G626P	Full-time / Part-time	7
Honours Bachelor of Science (Hons BSc)	Psychology: 202133	Psychology: G627P	Full-time	7
Honours Baccalaureus Scientiae Pharmaciae (Hons BPharm)	808100	Community Pharmacy: G618P	Open distance learning / Distance	7
Baccalaureus Scientiae Pharmaciae (Hons BPharm)	808100	Hospital Pharmacy: G619P	Open distance learning / Distance	7
Honours Bachelor in Consumer Sciences	835100	Consumer Sciences: G630P	Full-time / Part-time	7

Masters degrees:				
Qualification	Programme and code	Curriculum and code	Method of delivery	NQF level
Master of Arts (MA)	Recreation: 103182	Recreation: G815P	Full-time / Part-time	8a and b
Master of Arts (MA)	Biokinetics: 103191	Biokinetics: G801P	Full-time / Part-time	8a and b
Master of Arts (MA)	Kinder kinetics: 103192	Kinderkinetics: G802P	Full-time / Part-time	8a and b
Magister Artium (MA)	Sport Science: 103193	Sport Science: G803P	Full-time / Part-time	8a and b
Master of Arts (MA)	Psychology: 103181	Psychology: G801P	Full-time / Part-time	8b
Master of Arts (MA) SAQA 90848	Positive Psychology: 103195	Positive Psychology: G801P	Part Time	8b
Master of Arts (MA)	Clinical Psychology: 103183	Clinical Psychology: G801P	Full-time	8a and b
Master of Arts (MA)	Counselling Psychology: 103184	Counselling Psychology: G801P	Full-time	8a and b
Master of Arts (MA)	Research Psychology: 103185	Research Psychology: G801P	Full-time	8a and b
Master of Science (MSc)	Biokinetics: 203195	Biokinetics: G801P	Full-time / Part-time	8a and b
Master of Science (MSc)	Kinderkinetics: 203196	Kinderkinetics: G802P	Full-time / Part-time	8a and b
Master of Science (MSc)	Sport Science: 203197	Sport Science: G803P	Full-time / Part-time	8a and b
Master of Science (MSc)	Pharmaceutical Chemistry: 203184	Pharmaceutical Chemistry: G801P	Full-time / Part-time	8b
Master of Science (MSc)	Pharmacology: 203185	Pharmacology: G801P	Full-time / Part-time	8b
Master of Science (MSc)	Pharmaceutics: 203186	Pharmaceutics: G801P	Full-time / Part-time	8b
Master of Science (MSc)	Occupational Hygiene: 203160	Occupational Hygiene: G851P	Full-time	8a and b
Master of Science (MSc)	Nutrition: 203166	Nutrition (Mini- dissertation): G870P	Full-time / Part-time	8a and b
Master of Science (MSc)	Nutrition: 203166	Nutrition (Dissertation): G871P	Full-time / Part-time	8a and b
Master of Science (MSc)	Dietetics: 203169	Dietetics (Mini- dissertation):	Full-time / Part-time	8a and b

Masters degrees:				
Qualification	Programme and code	Curriculum and code	Method of delivery	NQF level
		G851P		
Master of Science (MSc)	Dietetics: 203169	Dietetics (Dissertation): G875P	Full-time / Part-time	8a and b
Master of Science (MSc)	Physiology: 203171	Physiology: G855P	Full-time	8a and b
Master of Science (MSc)	Clinical Psychology: 203176	Clinical Psychology: G801P	Full-time	8a and b
Master of Science (MSc)	Counselling Psychology: 203177	Counselling Psychology: G801P	Full-time	8a and b
Master of Science (MSc)	Research Psychology: 203165	Research Psychology: G801P	Full-time	8a and b
Master of Pharmacy (MPharm)	Pharmacy Practice: 803104	Pharmacy Practice: G801P	Full-time / Part-time	8b
Master of Pharmacy (MPharm) SAQA 90675	Advanced Clinical Pharmacy 803105	Advanced Clinical Pharmacy G801P	Full-time / Part-time	8b
Master of Consumer Sciences (MCons)	836100	Consumer Sciences (Dissertation): G880P	Full-time / Part-time	8a and b
Master of Consumer Sciences (MCons)	836100	Consumer Sciences Mini-dissertation): G881P	Full-time / Part-time	8a and b
Master of Social Work (MSW)	Social Work 113104	Social Work: G801P	Full-time / Part-time	8a and b
Master of Social Work (MSW)	Child Protection: 113108	Child Protection: G801P	Full-time / Part-time	8a and b
Master of Social Work (MSW)	Child Protection: 113108 (phasing out 2013)	Play Therapy G802P	Full-time / Part-time	8a and b
Master of Social Work (MSW)	Forensic Practice: 113109	Forensic Practice: G801P	Full-time / Part-time	8a and b
Master of Social Work (MSW)	Play Therapy 113110	Play Therapy G801P	Full-time / Part-time	8a en b
Master of Nursing Sciences (MCur)	833100	Community Nursing Science: G830P	Full-time / Part-time	8a and b
Master of Nursing Sciences (MCur)	833100	Health Service Management:	Full-time / Part-time	8a and b

Masters degrees:				
Qualification	Programme and code	Curriculum and code	Method of delivery	NQF level
		G831P		
Master of Nursing Sciences (MCur)	833100	Health Science Education: G832P	Full-time / Part-time	8a and b
Master of Nursing Sciences (MCur)	833100	Professional Nursing: G833P	Full-time / Part-time	8a and b
Master of Nursing Sciences (MCur)	833100	Psychiatric Nursing Science: G834P	Full-time / Part-time	8a and b
Master of Nursing Sciences (MCur)	833100	Midwifery and Neonatal Nursing Science: G835P	Full-time / Part-time	8a and b
Master of Nursing Sciences (MCur)	833100	Nursing Science: G836P	Full-time / Part-time	8a and b

Doctorates:				
Qualification	Programme and code	Curriculum and code	Method of delivery	NQF level
Doctor of Philosophy (PhD)	Human Movement Sciences: 805109	Human Movement Sciences: G925P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Recreation Sciences: 805111	Recreation Sciences: G935P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Pharmaceutical Chemistry: 805116	Pharmaceutical Chemistry: G910P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Pharmaceutics: 805117	Pharmaceutics: G911P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Pharmacology: 805118	Pharmacology: G912P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Pharmacy Practice: 805119	Pharmacy Practice: G913P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Occupational Hygiene: 805104	Occupational Hygiene: G901P	Full-time / part-time	8c
Doctor of Philosophy (PhD)	Dietetics: 805105	Dietetics: G905P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Physiology: 805107	Physiology: G915P	Full-time / Part-time	8c

Doctor of Philosophy (PhD)	Consumer Sciences: 805112	Consumer Sciences: G940P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nutrition: 805114	Nutrition: G960P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Social Work: 805108	Social Work: G921P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Psychology: 805110	Psychology: G931P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nursing Science: 805113	Community Nursing Science: G950P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nursing Science: 805113	Health Service Management: G951P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nursing Science: 805113	Health Science Education: G952P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nursing Science: 805113	Professional Nursing Science: G953P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nursing Science: 805113	Psychiatric Nursing Science: G954P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nursing Science: 805113	Midwifery and neonatal Nursing Science: G955P	Full-time / Part-time	8c
Doctor of Philosophy (PhD)	Nursing Science: 805113	Nursing Science: G956P	Full-time / Part-time	8c

POST GRADUATE DIPLOMAS				
Qualification	Programme and code	Curriculum and code	Method of delivery	NQF level
Post Graduate Diploma Midwifery & Neonatal Nursing Science	Midwifery & Neonatal Nursing Science 844100	Midwifery & Neonatal Nursing Science G501P	Part Time	7
Advanced University Diploma in Health Science	Community Nursing 837100	Community Nursing (one year) G511T	Open distance learning	7
Advanced University Diploma in Health Science	Health Science Education 837101	Health Science Education (One year) G512T	Open distance learning	7

Advanced University Diploma in Health Science	Health Service Management 837102	Health Services Management (One Year) G513T	Open distance learning	7
Advanced University Diploma in Health Science	Clinical Nursing Science, Health Assessmnet, Treatment and Care 837103	Clinical Nursing Science, Health Assessment, Treatment and Care (One Year) G515T	Open distance learning	7
Post Graduate Diploma in Pharmacological Principles of Drug Therapy SAQA 88902	Pharmacological Principles of Drug Therapy: 847 100	Pharmacological Principles of Drug Therapy G501P	Distance learninfg	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 Bachelors degree is aquired.

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 calender.

G.1.7.4 Programme: Recreation Sciences

Qualification code: 102 161 (F) (Recreation Sciences)

The programme is presented on a full time 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 complete a formal selection application form at the school, which will be evaluated by a selection panel.
- c) Selection focuses on psychometric, personal and skills development as applicable to the specific programme, and takes place during August /September each year.
- d) 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 is required from the student.

G.1.7.4.3 Curriculum G607P: Recreation Sciences

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 throughintegrated

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 : Recreation Sciences

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 post-graduate study in Biokinetics.

The programme is presented on a full time 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 complete a formal selection application form at the school, which will be evaluated by a selection panel.
- c) Selection focuses on psychometric, personal and skills development as applicable to the specific programme, and takes place during August /September each year.
- d) 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 post-graduate study in Kinderkinetics.

The programme is presented on a full time 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 complete a formal selection application form at the school, which will be evaluated by a selection panel.
- c) Selection focuses on psychometric, personal and skills development as applicable to the specific programme, and takes place during August /September each year.
- d) 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 post-graduate study in Sport Science.

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

G.1.7.7.1 Admission and selection requirements of the programme

- General admission requirements of the University hold.
- Prospective students complete a formal selection application form at the school, which will be evaluated by a selection panel.
- Selection focuses on psychometric, personal and skills development as applicable to the specific programme, and takes place during August /September each year.
- Final selection is subject to approval by the school director.

G.1.7.7.2 Curriculum G603P: Sport Sciences

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 Sciences

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

Module code	Descriptive name	Credits
MBWK68145	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 post-graduate study in Psychology.

The programme is presented on a full time 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 Bachelors 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 G638P: 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:** G638P

Module code	Descriptive name	Credits
PSYC671	Psychometrics	8
PSYC672	Psychological Evaluation	16
PSYC673	Applied Positive Psychology	16
PSYC674	Research psychology	16
PSYC675	Intervention techniques	16
PSYC676	Theoretical Perspectives on the Helping Relationship	16
PSYC677	Community Psychology	16
PSYC678	Psychopathology	16
PSYC679	Ethics and Professional Conduct	8
PSYC681	Facilitation of Community Wellness	16
STTN111	Descriptive Statistics	12
STTN124	Practical Statistics	12
Total credits for the curriculum		168

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 Bachelors degree is aquired

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 calender.

G.1.8.4 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 post-graduate study in Biokinetics.

The programme is presented on a full time 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 complete a formal selection application form at the school, which will be evaluated by a selection panel.
- c) Selection focuses on psychometric, personal and skills development as applicable to the specific programme, and takes place during August /September each year.
- d) 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: 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.1.8.5 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 post-graduate study in Kinderkinetics.

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

G.1.8.5.1 Admission and selection requirements of the programme

- General admission requirements of the University hold.
- Prospective students complete a formal selection application form at the school, which will be evaluated by a selection panel.
- Selection focuses on psychometric, personal and skills development as applicable to the specific programme, and takes place during August /September each year.
- 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: 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.1.8.6 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 post-graduate study in Sport Science.

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

G.1.8.6.1 Admission and selection requirements of the programme

- General admission requirements of the University hold.
- Prospective students complete a formal selection application form at the school, which will be evaluated by a selection panel.
- Selection focuses on psychometric, personal and skills development as applicable to the specific programme, and takes place during August /September each year.
- Final selection is subject to approval by the school director.

G.1.8.6.2 Curriculum G603P: Sport Sciences

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 Sciences

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

Module code	Descriptive name	Credits
MBWK68145	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 post-graduate study in one of the post-graduate programmes in Physiology, inter alia Occupational Hygiene and Cardiovascular Physiology.

The program is presented full-time and part-time and the closing date for applications is 31 Augustus.

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 60% average in Physiology on third-year level is required.
- b) STTN111 or a comparable statistics module must be passed.
- c) It is strongly recommended that the student should provide proof of immunisation, at least against Hepatitis 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
Compulsary 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 + P)

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 post-graduate study. The focus in the modules falls on the most recent research findings on highly relevant problems.

The program is presented full-time and part-time and the closing date for applications is 30 September. Full time students will receive

Preference will be given to full time students.

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.
- Fulltime students who passed the following will be considered:
 - BSc (Human Movement Sciences and Nutrition)
 - BSc in Health Sciences: Nutrition and Physiology
 - BSc in Health Sciences: Psychology and Nutrition
- STTN111 or any other equivalent module must be passed.

- d) Students who wish to register for this degree must submit proof of immunisation against hepatitis A and B in the previous year.

G.1.8.8.3 Curriculum G626P: Nutrition

G.1.8.8.3.1 Curriculum outcomes

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

- a) demonstrate an extensive and systematic knowledge level in the field of nutrition and particularly in specialisation areas like the planning and execution of epidemiological research programmes, nutrition at public health level, sport and exercise physiology and the genetic composition of different communities and the importance thereof for health promotion;
- b) demonstrate skills to apply a well-rounded and coherent and critical understanding of the principles and theory of nutrition, while relevant information in a specialist area (as mentioned above) of nutrition is collected and evaluated at a critical and advanced level, after which the information is processed to arrive at ethically responsible decisions based on well-grounded theories and proven facts; and
- c) Demonstrate the capability as entrepreneur to identify and analyse real, complex nutrition-related lifestyle illnesses in communities and to plan and execute creative and innovative nutrition-related intervention programmes in an ethically responsible manner by using proven solutions and theory-driven arguments through group work and the use of Information Technology as means of communication.

G.1.8.8.3.2 Compilation of curriculum: Nutrition

Qualification and programme code: 202 132; **Curriculum code:** G626P

- a) **Compulsory Modules: All students enrolled for the programme (G626P) must take the following modules:**

The compulsory modules contribute 50% (64 credits) to the total credit load for the year

Module code	Descriptive name	Credits
*VOED 678	Research report	32
*VOED680	Advanced Nutrition Science	32

** Compulsory modules

- b) **Students may make the following choices based on the modules taken on an undergraduate level:**

GROUP A

Only students with MBW and Nutrition as main courses must choose modules from this group for a total of 64 credits (50% of the total credit load for the year):

Module code	Descriptive name	Credits
**MBWB682	Biokinetics: Clinical	32
**MBWK686	Applied Research Methodology and Mini-dissertation	8
**VOED676	Nutrigenetics	16
**VOED677	Nutrition Epidemiology (Module is not available in 2014)	16
**VOED679	Nutrition at public health level	32
**VOED681	Sport Nutrition	32
Total credits for the curriculum		128

** Choice modules

GROUP B

Only students with Nutrition and Physiology as main courses must choose modules from this group for a total of 64 credits (50% of the total credit load for the year):

Module code	Descriptive name	Credits
**FLGX612	Cardiovascular Physiology A	16
**FLXG625	Endocrinology	16
**VOED676	Nutrigenetics	16
**VOED677	Nutrition Epidemiology (Module is not available in 2014)	16
**VOED679	Nutrition at public health level	32
**VOED681	Sport Nutrition	32
Total credits for the curriculum		128

** Choice modules

GROUP C

Only students with Psychology and Nutrition as main courses must choose modules from this group for a total of 64 credits (50% of the total credit load for the year):

Module code	Descriptive name	Credits
**VOED676	Nutrigenetics	16
**VOED677	Nutrition Epidemiology (Module is not available in 2014)	16
**VOED679	Nutrition at public health level	32
**VOED681	Sport Nutrition	32
Total credits for the curriculum		128

** Choice modules

G.1.8.9

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 post-graduate study in Psychology.

The programme is presented on a full time 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 Bachelors 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 G638P: 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: G627P

Module code	Descriptive name	Credits
PSYC671	Psychometrics	8
PSYC672	Psychological Evaluation	16
PSYC673	Applied Positive Psychology	16
PSYC674	Research psychology	16
PSYC675	Intervention techniques	16
PSYC676	Theoretical Perspectives on the Helping Relationship	16
PSYC677	Community Psychology	16
PSYC678	Psychopathology	16
PSYC679	Ethics and Professional Conduct	8
PSYC681	Facilitation of Community Wellness	16
STTN111	Descriptive Statistics	12
STTN124	Practical Statistics	12
Total credits for the curriculum		168

G.1.9 RULES FOR THE DEGREE HONOURS BACCALAUREUS SCIENTIAE PHARMACOLOGY – OPEN DISTANCE LEARNING

Qualification code: 840 100 (Open distance learning)

Note: This programme is phasing out and no new students will be admitted in 2014.

G.1.9.1 Duration (minimum and maximum)

- 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 Honours BSc degree within a maximum period of three years.

G.1.9.2 General admission requirements

- Admission to honours programmes takes place in accordance with the General Rules of the University.
- Registration can take place throughout the year.

G.1.9.3 Programme Pharmacology

Continued professional development is an important and integral part of the South African strategy to improve public services. The programme in pharmacology is accredited by the Health Professions council of South Africa (HPCSA) for the purpose of continued professional development (CPD) for

medical practitioners. 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.1.9.3.1 Admission and selection requirements of the programme

In addition to the General University Rules the following Rules also apply for this degree:

- a) 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
- b) students with appropriate degrees in biological or biomedical sciences may, according to the judgement of the Faculty Board, obtain conditional admission, which implies that the student has to (1) prove competence in basic and computer skills, (2) successfully complete; Module 2 (*basic*) and any choice from Modules 4 to 8 (*clinical*) for non-degree purposes, (3) successfully complete an oral evaluation on the completed modules and (4) formally apply in writing to the Faculty Board for admission to the Hons. BSc. degree programme in pharmacology and for recognition of the completed modules for degree purposes; and
- c) 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.

G.1.9.3.2 Curriculum G640P: Pharmacology

- a) The curriculum consists of 11 modules.
- b) Module 1-8 and 13 are compulsory.
- c) Any two elective modules from modules 9-12 must also be included.
- d) Modules 1-8 and any two electives from 9-12 are prerequisites for module 13.
- 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. Students must proof their computer and internet skills through successful completion of either a required pre-test or module FWWT671 (an eight-credit certificate course presented at the University).

G.1.9.3.2.1 Curriculum Outcomes

The student will be capable to exercise selections of drugs based on pharmacological and ethical principles in the best interest of the patient.

Students will be able to: (1) demonstrate a sound knowledge of the basic pharmacological principles underlying drug therapy, (2) have an insight into the dynamics and kinetics of interactions between drugs, including a comprehensive range of drug groups, (3) evaluate existing drug prescriptions, and advise the patient with regard to drug treatment, (4) synthesise individualised pharmacological treatment approaches for a wide range of disease states, (5) retrieve the latest information on drug treatment from the

Internet, (6) evaluate published clinical trials on drug treatment, (7) communicate individually and co-operatively in an Internet-based environment, (8) show a sensitivity for a patient-orientated approach to drug therapy, and (9) reason within the frame(work) of reference addressing relevant ethical questions regarding drug uses.

G.1.9.3.2.2 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 12 and a ratio of 2:3 is used for module 13.
- 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.1.9.3.2.3 Compilation of the Curriculum: Pharmacology

Qualification and programme code: 840 100; **Curriculum code:** G640P

Module code	Descriptive name	Credits
Module 1: FKLT631	Principles of Pharmacokinetics	8
Module 2: FKLT632	Principles of Pharmacodynamics	16
Module 3: FKLT641	Drugs and the Peripheral Nervous System	8
Module 4: FKLT651	Drugs and the Central Nervous System	16
Module 5: FKLT661	Drugs and the Cardiovascular System	16
Module 6: FKLT633	Drugs for Pain, Inflammation, Fever and Airway Diseases	16
Module 7: FKLT642	Chemotherapy of Infections and Infestations	16
Module 8: FKLT652	Hormones, Hormonoids and Hormone Antagonists	16
Module 9: FKLT662**	Drugs for GIT and Skin Disorders	8
Module 10: FKLT663**	Vitamins, Haematopoetics and Immunopharmacology	8
Module 11: FKLT664**	Advanced Pharmacological Principles	8
Module 12: FKLT665**	Evidence-based Medicine	8
Module 13: FKLT671	Integrated Pharmacology	8
Credit total for the curriculum		136

Note: ** Electives : Any two modules can be selected from 9-11.

G.1.10 RULES FOR THE DEGREE HONOURS BACCALAUREUS PHARMACIAE

Qualification code: 808 100 (Open distance learning / Distance)

Note: This programme is phasing out and no new students will be admitted in 2014.

The Hons BPharm degree is a programme for post-graduate study in professional pharmacy. Various curricula can lead to this qualification, namely Community Pharmacy (G618P) and Hospital Pharmacy (G619P).

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 Honours B Pharm degree within a maximum period of three years.

G.1.10.1 Duration (minimum and maximum)

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

G.1.10.2 General admission requirements

- a) Admission to honours programmes takes place in accordance with the General Rules of the University.
- b) Registration takes place according to the General Rules of the University.

G.1.10.3 Programme: Pharmacy

The purpose of this direction is to provide post-graduate pharmacists the opportunity to become competent to practice as distinguished leaders on a highly specialised level as community and hospital pharmacists in providing a comprehensive pharmaceutical service to the inhabitants of South Africa.

G.1.10.3.1 Admission and selection requirements of the programme

In addition to General University Rules the following Rules also apply to this degree:

- a) No student will be allowed into the Hons. BPharm programme unless he/she has a BPharm or BSc (Pharm) degree or another qualification deemed by the Senate as equivalent;
- b) experience in the appropriate pharmaceutical field will be strongly recommended, although it is not a prerequisite; and
- c) Candidates with a Dipl Pharm qualification or another qualification deemed by the senate as equivalent may enrol for individual modules. Upon successful completion of a minimum number of these modules, on further application, the candidate may be admitted to the degree programme, provided he/she satisfies all the requirements as deemed by the senate.

G.1.10.3.2 Curriculum G618P: Community Pharmacy

The curriculum consists of module work (theoretical component) in the form of 10 modules (16 credits each).

G.1.10.3.2.1 Curriculum outcomes

- a) The student will be able to practise on a highly specialised level as a Community Pharmacist in providing a comprehensive pharmaceutical service in the community pharmaceutical environment.
- b) The student will be:
 - (1) Capable of providing a specialised community service within the scope of practise of pharmacists,
 - (2) In the position of a leader in the community pharmacy and functions of the profession; and
 - (3) able to apply research methodology by:
 - i) applying the principles of advanced pharmacy management in practice;
 - ii) utilising communication skills and adapting to different cultural contexts;
 - iii) having specialised knowledge of professional aspects pertaining to community pharmacy;
 - iv) applying the concepts of advanced pharmacotherapy in practice;
 - v) utilising specialised knowledge of pharmaceutical care; and
 - vi) management and control of effective medicine distribution systems in a community pharmacy environment.

G.1.10.3.2.2 Compilation of the curriculum Community Pharmacy

Qualification and programme code: 808 100; **Curriculum code:** G618P

Module code	Descriptive name	Credits
BSKT221	Personnel Psychology	16
IOPS311	Organisation Psychology	16
FMIA613	Biopharmaceutics	16
FPHA611	Introduction to Pharmaco-Economics	16
FPHA612	Managed Pharmaceutical Care	16
FPHA613	Disease Management and Drug utilisation review	16
FPHA621	Pharmacotherapy I	16
FPHA622	Pharmacotherapy II	16
FPHA623	Pharmaco-epidemiology	16
FPHA624	Legislation and Quality Control	16
Credit total for the curriculum		160

G.1.10.3.3 Curriculum G619P: Hospital Pharmacy

The curriculum consists of module work (theoretical component) in the form of 10 modules (16 credits each).

G.1.10.3.3.1 Curriculum outcomes

- a) The student will be able to practise on a highly specialised level as a Hospital Pharmacist in providing a comprehensive pharmaceutical service in the hospital environment.
- b) The student will furthermore be:
 - (1) able to provide a specialised service within the scope of practice of a Hospital Pharmacist,
 - (2) in a position of leadership in the Hospital Pharmacy environment and functions of the profession and
 - (3) able to apply research methodology by:
 - i) applying the principles of advanced pharmacy management in practice;
 - ii) utilising specialised skills of hospital pharmacy management;
 - iii) obtaining specialised knowledge of hospital pharmaceutical services;
 - iv) having specialised knowledge of professional aspects pertaining to hospital pharmacy;
 - v) utilising specialised knowledge of pharmaceutical care; and
 - vi) management and control of effective medicine distribution system in a hospital pharmacy environment.

G.1.10.3.3.2 Compilation of the curriculum : Hospital Pharmacy

Qualification and programme code: 808 100; **Curriculum code:** G619P

The curriculum consists of module work (theoretical component) in the form of 10 modules (16 credits each). The **optional module** is chosen in collaboration with the programme co-ordinator.

Module code	Descriptive name	Credits
BSKT221	Personnel Psychology	16
IOPS311	Organisation Psychology	16
FMIA613	Biopharmaceutics	16
FPHA611	Introduction to Pharmaco-Economics	16
FPHA612	Managed Pharmaceutical Care	16
FPHA613	Disease Management and Drug utilisation review	16
FPHA621	Pharmacotherapy I	16
FPHA622	Pharmacotherapy II	16
FPHA623	Pharmaco-epidemiology	16
FPHA624	Legislation and Quality Control	16
FPHA625	Medicines Supply Systems	16
Credit total for the curriculum		160

G.1.11 RULES FOR THE DEGREE HONOURS BACHELOR OF CONSUMER SCIENCES

Qualification code: 835 100 (F + P)

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

The closing date for applications is 30 September.

G.1.11.1 Duration (minimum and maximum)

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

G.1.11.2 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.1.11.3 Programme: Consumer Sciences

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.1.11.3.1 Admission and selection requirements of the programme

- a) Admission requirements specified in G.1.11.2 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 October and students are required to submit a portfolio and complete a skills test, after which a preferential list is compiled.

G.1.11.3.2 Additional requirements and faculty specific rules

- a) An average of 60% is required during undergraduate studies.
- b) Prerequisites as indicated against each module specified in the curriculum requirements holds.
- c) 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.

d) STTN111 or equivalent module (optional)

G.1.11.3.3 Curriculum G630P: Consumer Sciences

G.1.11.3.3.1 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.1.11.3.3.2 Compilation of curriculum : Consumer Sciences

Qualification - en 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.1.12 RULES FOR THE DEGREE MASTER OF ARTS

The curricula for a particular masters 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 full-time or part-time (for selected curriculums)

G.1.12.1 Duration (Minimum and maximum)

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

Although a maximum studyperiod of three year is granted by the faculty, it will have extensive financial implications for the student after completion of the second study year.

G.1.12.2 Admission requirements for the qualificaton

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

G.1.12.3 Programme: Recreation Sciences

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

The curricula composing this programme are of academic nature. The programmes give an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Recreation.

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

G.1.12.3.1 Admission and selection requirements of the programme

- a) General admission requirements in par G.1.12.2 hold.

- b) A selection process as prescribed for the specialist field/programme of the school, which takes place during October to November; must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.12.3.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.12.3.3 Curriculum G815P: Recreation Sciences

G.1.12.3.3.1 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.1.12.3.3.2 Compilation of the curriculum : Recreation Science

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

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

G.1.12.4 Programme: Biokinetics

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

The curricula composing this programme are of an academic nature. The programmes give an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

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

G.1.12.4.1 Admission and selection requirements of the programme

- a) General admission requirements in par G.1.12.2 hold.
- b) A selection process as prescribed for the specialist field/programme of the school, which takes place during October to November; must be passed.

- c) Final selection is subject to approval by the school- and research director.

G.1.12.4.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.12.4.3 Curriculum G801P: Biokinetics

G.1.12.4.3.1 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.1.12.4.3.2 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.1.12.5 Programme : Kinderkinetics

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

The curricula composing this programme are of an academic nature. The programmes give an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

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

G.1.12.5.1 Admission and selection requirements of the programme

- a) General admission requirements in par G.1.12.2 hold.
- b) A selection process as prescribed for the specialist field/programme of the school, which takes place during October to November; must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.12.5.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.12.5.3 Curriculum G802P: Kinderkinetics

G.1.12.5.3.1 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.1.12.5.3.2 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.1.12.6 Programme: Sport Science

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

The curricula composing this programme are of an academic nature. The programmes give an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

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

G.1.12.6.1 Admission and selection requirements of the programme

- a) General admission requirements in par G.1.12.2 hold.
- b) A selection process as prescribed for the specialist field/programme of the school, which takes place during October to November; must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.12.6.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.12.6.3 Curriculum G803P: Sport Science

G.1.12.6.3.1 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, analyzing 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.1.12.6.3.2 Compilation of the curriculum : Sport Sciences

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.1.12.7 Programme: Psychology

Qualification code: 103181 (F + P) (Psychology)

The aim of the programme is academic research in Psychology.

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

G.1.12.7.1 Admission and selection requirements of the programme

- a) A 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.1.12.7.2 Additional requirements and faculty specific rules

- a) An average academic mark of at least 65% during the honors 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.1.12.7.3 Curriculum G801P: Psychology

G.1.12.7.3.1 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.1.12.7.3.2 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.1.12.8 Programme: Positive Psychology

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

The program will be available to graduates not only from/of psychology but also to graduates from other related disciplines.

The program is presented on a part time basis in English and the closing date for applications is 30 October.

G.1.12.8.1 Admission and selection requirements of the program

- a) A Honours degree (or equivalent qualification) in psychology, sociology, health and social welfare, counselling, education studies, human resources, business, social studies, law or other related disciplines will be considered.

- b) A written application outlining academic and professional background, career objectives and reasons for choosing this programme will be required.
- c) An interview will be conducted with the applicant by a selection team.

G.1.12.8.2 Additional requirements and specific faculty rules

- a) Students must pass the honours degree or equivalent qualification in the academic fields as specified above with a minimum of 65%.
- b) Students whose academic background is outside of the above mentioned disciplines will be expected to motivate how their professional or life experience has prepared them for studying positive psychology. The application should not be more than 2,000 words in length.
- c) Two supporting references, one of which is preferably academic.

G.1.12.8.3 Curriculum G801P: Positive Psychology

G.1.12.8.3.1 Curriculum outcomes

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

- a) Gain specialist knowledge to enable them to engage with, and critique current research and practice in positive psychology as a field, and to manifest the ability to conceptualize new research initiatives, and create new knowledge and practices;
- b) Develop depth of knowledge and critical understanding of the theory, research and intellectual history of positive psychology;
- c) Become proficient in selecting and using positive psychology assessment methods;
- d) Study a range of positive psychology interventions, be able to apply them within professional settings and develop innovative approaches for new situations, as well as the competencies to evaluate such interventions;
- e) Gain a thorough knowledge of appropriate research methods and data analysis techniques, as well as the skill in application thereof.

G.1.12.8.3.2 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.1.12.9 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 AUTHeR. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further post-graduate 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 full time basis and the closing date for applications is 30 June where after a selection process will follow.

G.1.12.9.1 Admission and selection requirements of the programme

- a) A 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.1.12.9.2 Additional requirements and faculty specific rules

- a) An average of 65% in the honors 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 students 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 pass mark of 55% per module and an examination sub-minimum of 50% per module are required. 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.

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

G.1.12.9.3 Curriculum G801P: Clinical Psychology

G.1.12.9.3.1 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.1.12.9.3.2 Compilation of the curriculum: Clinical Psychology

Qualification-and programme code: 103 183; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYK872	Research Theory and Dissertation	100
PSYC878	Psychopharmacology, Adult Psychopathology and Neuropsychology	20
PSYC879	Child and Adolescent Pathology and Therapy	20
PSYC880	Theory of Psychological Interventions	20
PSYC881	Applied Psychological Interventions	20
PSYC882	Professional Aspects, Psycho Diagnostics and Practical Work	20
Total credits for the curriculum		200

G.1.12.10 Programme: Counselling Psychology

Qualification code: 103 184 (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 AUTHeR. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further post-graduate 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 full time basis and the closing date for applications is 30 June where after a selection process will follow.

G.1.12.10.1 Admission and selection requirements of the programme

- a) A 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.1.12.10.2 Additional requirements and faculty specific rules

- a) An average of 65% during the honors 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 students 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 pass mark of 55% per module and an examination sub-minimum of 50% per module are required. 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.
- d) If the experiential progress is not as desired, the internship may be extended.

G.1.12.10.3 Curriculum G801P: Counselling Psychology

G.1.12.10.3.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in 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.1.12.10.3.2 Compilation of the curriculum : Counselling Psychology

Qualification-and programme code: 103 184; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYV872	Research Theory and Dissertation	100
PSYC878	Psychopharmacology, Adult Psychopathology and Neuro-psychology	20
PSYV879	Child and Adolescent Development, Pathology and Therapy	20
PSYC880	Theory of Psychological Interventions	20
PSYV881	Applied Counselling and Psychological Interventions	20
PSYC882	Professional Aspects, Psycho Diagnostics and Practical Work	20
Total credits for the curriculum		200

G.1.12.11 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 AUTHeR. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further post-graduate 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 full time basis and the closing date for applications is 31 October where after a selection process will follow.

G.1.12.11.1 Admission and selection requirements of the programme

- a) A Honours degree in Psychology is required.
- 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 31 October. 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 and will be requested to complete a research assignment.

G.1.12.11.2 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 minimum participation mark of 65% is required for admission to examination and the pass mark is 55%. 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.1.12.11.3 Curriculum G801P: Research Psychology

G.1.12.11.3.1 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.1.12.11.3.2 Compilation of the curriculum : Research Psychology

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

Module code	Descriptive name	Credits
PSYC872	Dissertation	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.1.13 RULES FOR THE DEGREE MASTER OF SCIENCE

The curricula for a particular masters 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 full-time or part-time (for selected curriculums).

G.1.13.1 Duration (Minimum and maximum)

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

Although a maximum studyperiod of three year is granted by the faculty, it will have extensive financial implications for the student after completion of the second study year.

G.1.13.2 Admission requirements of the qualification

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

G.1.13.3 Programme: Biokinetics

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

The curricula composing this programme are of an academic nature. The programmes give an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

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

G.1.13.3.1 Admission and selection requirements of the programme

- a) General admission requirements in par G.1.13.2 hold.
- b) A selection process as prescribed for the specialist field/programme of the school, which takes place during October to November; must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.13.3.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.13.3.3 Curriculum G801P: Biokinetics

G.1.13.3.3.1 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.1.13.3.3.2 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.1.13.4 Programme : Kinderkinetics

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

The curricula composing this programme are of an academic nature. The programmes give an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

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

G.1.13.4.1 Admission and selection requirements of the programme

- a) General admission requirements in par G.1.13.2 hold.
- b) A selection process as prescribed for the specialist field/programme of the school, which takes place during October to November; must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.13.4.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.13.4.3 Curriculum G802P: Kinderkinetics

G.1.13.4.3.1 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.1.13.4.3.2 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.1.13.5 Programme: Sport Science

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

The curricula composing this programme are of an academic nature. The programmes give 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 parttime and applications should be submitted by 11 September. (Late applications will be considered on merit).

G.1.13.5.1 Admission and selection requirements of the programme

- a) General admission requirements in par G.1.13.2 holds.
- b) A selection process as prescribed for the specialist field/programme of the school, which takes place during October to November; must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.13.5.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.13.5.3 Curriculum G803P: Sport Science

G.1.13.5.3.1 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, analyzing 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.1.13.5.3.2 Compilation of the curriculum : Sport Sciences

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.1.13.6 Programme: Pharmaceutical Chemistry

Qualification code: 203 184 (F + P) (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 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 curricula are presented full-time and part-time in Afrikaans and English.

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

G.1.13.6.1 Admission and selection requirements of the programme

- a) A four year B Pharm 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 above-mentioned cases additional course work will be required as determined by the specific programme coordinator.

- b) Studente who do not have a B Pharm degree will be assessed according to prior learning.
- c) Selection involves the submission of a formal application form and curriculum vitae by the applicant as well as a possible interview by the director of the Centre of Excellence for Pharmaceutical Sciences as well as the subject chair.

G.1.13.6.2 Additional requirements and faculty specific rules

- a) A 60% pass mark will be required for first semester modules in the final year of the B Pharm 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.1.13.6.3 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 study" in the Unit for Drug Research and Development.

G.1.13.6.3.1 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.1.13.6.3.2 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.1.13.7 Programme: Pharmacology

Qualification code: 203 185 (F + P) (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 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 curricula are presented full-time and part-time in Afrikaans and English.

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

G.1.13.7.1 Admission and selection requirements of the programme

- a) A four year B Pharm 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) Studente who do not have a B Pharm degree will be assessed according to prior learning.
- c) Selection involves the submission of a formal application form and curriculum vitae by the applicant as well as a possible interview by the director of the Centre of Excellence for Pharmaceutical Sciences as well as the subject chair.

G.1.13.7.2 Additional requirements and faculty specific rules

- a) A 60% pass mark will be required for first semester modules in the final year of the B Pharm 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) in which he/she wants to study does not comply with the specific curriculum requirements.

G.1.13.7.3 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 Unit for Drug Research and Development.

G.1.13.7.3.1 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.1.13.7.3.2 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.1.13.8 Programme: Pharmaceutics

Qualification code: 203 186 (F + P) (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 curricula are presented full-time and part-time in Afrikaans and English.

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

G.1.13.8.1 Admission and selection requirements of the programme

- a) A four year B Pharm 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 B Pharm degree will be assessed according to prior learning.
- c) Selection involves the submission of a formal application form and curriculum vitae by the applicant as well as a possible interview by the director of the Centre of Excellence for Pharmaceutical Sciences as well as the subject chair.

G.1.13.8.2 Additional requirements and faculty specific rules

- a) A 60% pass mark will be required for first semester modules in the final year of the B Pharm 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.1.13.8.3 Curriculum G801P: Pharmaceutics

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 Unit for Drug Research and Development.

G.1.13.8.3.1 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 Pharmaceutics;
- 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.1.13.8.3.2 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.1.13.9 Programme: Occupational Hygiene

Qualification code: 203 160 (F)

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

The programme is presented on a fulltime basis. The closing date for applications is 31 August (phase 1) and 30 September (phase 2). Applications received after this date will be considered on merit.

G.1.13.9.1 Admission and selection requirements of the programme

- a) The student must be in possession of a relevant honours degree or equivalent qualification.
- b) A selection process takes place during September and October and approval by the School director is subject to available capacity.

G.1.13.9.2 Additional requirements and faculty-specific rules

- a) An average of 60% in Physiology (or equivalent qualification) is required at honours level.
- b) It is strongly recommended that the student must provide proof of immunisation, at least against Hepatitis B.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by the students.
- d) Four examination papers and a mini-dissertation should be completed during the curriculum.
- e) The module mark is calculated as follows: Mini-dissertation: 50% and the average of four modules: 50%.

G.1.13.9.3 Curriculum G851P: Occupational Hygiene

G.1.13.9.3.1 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.1.13.9.4 Compilation of the curriculum : Occupational Hygiene

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

Module code	Descriptive name	Credits
FLGX873	Mini-Dissertation	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.1.13.10 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 full time and part time basis and the closing date for applications is 30 September.

G.1.13.10.1 Admission and selection requirements of the programme

- a) The student must be in possession of a relevant honours degree or equivalent qualification.
- b) Selection is subject to approval by the director and available capacity in the Centre of Excellence for Nutrition.

G.1.13.10.2 Additional requirements and faculty-specific rules

- a) The student should have obtained at least 60% in the Honours degree.
- b) Students with a four-year BSc Dietetics degree should have obtained at least 60% in all of the third-year Nutrition modules as well as in the research module.
- 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.

G.1.13.10.3 Curriculum G870P and G871P: Nutrition

G.1.13.10.3.1 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 masters 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 masters degree at the University.

G.1.13.10.4 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	96
VOED874	Public Health Nutrition	32
VOED875	Advanced Nutrition	32
VOED876	Sport Nutrition	32
Total credits for the curriculum		192

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

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

G.1.13.11 Programme: Dietetics

Qualification code: 203 169 (F + P)

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

G.1.13.11.1 Admission and selection requirements of the programme

- a) The student must be in possession of a relevant honours degree or equivalent qualification.

- b) It is possible to register for this programme directly after the four year BSc (Dietetics)-degree, if the admission requirements are complied with.
- c) Selection by a selection committee starts on the 1st of October and is subject to the academic performance of the student as well as available capacity in the subject group. Students who comply with the requirements will be invited to an interview.
- d) Selection is subject to approval by the director and available capacity in the Centre of Excellence for Nutrition.

G.1.13.11.2 Additional requirements and faculty-specific rules

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

G.1.13.11.3 Curriculums G851P and G875P

G.1.13.11.3.1 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.1.13.11.3.2 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
Compulsary module		
VOED873	Mini-dissertation	96
Choice modules		
VOED874*	Public Health Nutrition	32
VOED875*	Advanced Nutrition	32
VOED876*	Sport Nutrition	32
VOED880*	Nutrition support of the paediatric patient	16
VOED882*	Nutrition support of the critically ill	16
Total credits for the curriculum		192

* **Choice modules:** any three modules must be chosen

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

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

G.1.13.12 Programme: Physiology

Qualification code: 203 171 (F)

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

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

G.1.13.12.1 Admission and selection requirements of the programme

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

G.1.13.12.2 Additional requirements and faculty-specific rules

- An average mark of at least 60% in Physiology (or equivalent qualification) at honours level is required.
- It is strongly recommended that the student should 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.

G.1.13.12.3 Curriculum G855P: Physiology

G.1.13.12.3.1 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.1.13.12.3.2 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.1.13.13 Programme: Clinical Psychology

Qualification code: 203 176 (F) (Clinical 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 AUTHeR. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further post-graduate studies in Psychology.
- 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).
- The programme is presented on a full time basis and the closing date for applications is 30 June where after a selection process will follow.

G.1.13.13.1 Admission and selection requirements of the programme

- A honours degree in Psychology or an applicable equivalent qualification is required;
- A paper selection based on academic performance, relevant skills and quality of reference reports will be conducted;
- 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;
- 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.1.13.13.2 Additional requirements and faculty specific rules

- a) An average of 65% during the honors 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 students 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 pass mark of 55% per module and an examination sub-minimum of 50% per module are required. 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.
- d) If the experiential progress is not as desired, the internship may be extended.

G.1.13.13.3 Curriculum G801P: Clinical Psychology

G.1.13.13.3.1 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.1.13.13.3.2 Compilation of the curriculum : Clinical Psychology

Qualification-and programme code: 203 176; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYK872	Research Theory and Dissertation	100
PSYC878	Psychopharmacology, Adult Psychopathology and Neuropsychology	20
PSYC879	Child and Adolescent Pathology and Therapy	20
PSYC880	Theory of Psychological Interventions	20
PSYC881	Applied Psychological Interventions	20
PSYC882	Professional Aspects, Psycho Diagnostics and Practical Work	20
Total credits for the curriculum		200

G.1.13.14 Programme: Counselling Psychology

Qualification code: 203 177 (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 AUTHeR. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further post-graduate 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 full time basis and the closing date for applications is 30 June where after a selection process will follow.

G.1.13.14.1 Admission and selection requirements of the programme

- a) A 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.1.13.14.2 Additional requirements and faculty specific rules

- a) An average of 65% during the honors 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 students 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 pass mark of 55% per module and an examination sub-minimum of 50% per module are required. 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.
- d) If the experiential progress is not as desired, the internship may be extended.

G.1.13.14.3 Curriculum G801P: Counselling Psychology

G.1.13.14.3.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in 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.1.13.14.3.2 Compilation of the curriculum : Counselling Psychology

Qualification-and programme code: 203 177; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYV872	Research Theory and Dissertation	100
PSYC878	Psychopharmacology, Adult Psychopathology and Neuro-psychology	20
PSYV879	Child and Adolescent Development, Pathology and Therapy	20
PSYC880	Theory of Psychological Interventions	20
PSYV881	Applied Counselling and Psychological Interventions	20
PSYC882	Professional Aspects, Psycho Diagnostics and Practical Work	20
Total credits for the curriculum		200

G.1.13.15 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 AUTHeR. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further post-graduate 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 full time basis and the closing date for applications is 31 October where after a selection process will follow.

G.1.13.15.1 Admission and selection requirements of the programme

- A Honours degree in Psychology is required.
- 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 31 October. 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 and will be requested to complete a research assignment.

G.1.13.15.2 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 minimum participation mark of 65% is required for admission to examination and the pass mark is 55%. 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.1.13.15.3 Curriculum G801P: Research Psychology

G.1.13.15.3.1 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.1.13.15.3.2 Compilation of the curriculum : Research Psychology

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

Module code	Descriptive name	Credits
PSYC872	Dissertation	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.1.14 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 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 post graduate 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.1.14.1 Duration (Minimum and maximum)

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

Although a maximum studyperiod of three year is granted by the faculty, it will have extensive financial implications for the student after completion of the second study year.

G.1.14.2 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.1.14.3 Programme: Pharmacy Practice

Qualification code: 803 104 (V + D) (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 31 October. Applications received after this date will be considered on merit.

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

G.1.14.3.1 Admission and selection requirements of the programme

- a) A B Pharm degree or an equivalent qualification approved by the Senate is required;
- b) The academic record of a prospective full time 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. Final selection will take place after an interview with the candidate.

G.1.14.3.2 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) It is expected of students to obtain a participation mark before 'n dissertaion can be submitted for examination. The participation mark is acquired through:
 - Sucessfully completing the course on applied pharmaco-economics and pharmaco-epidemiology;
 - completing a biostatistics course (if necessary, in cases where there is no previous knowledge);
 - providing proof of proficiency in MS Word I and II, Excell I and II, Powerpoint, and Access;
 - preparing and presenting three colloquiums over the two study years:
 - 1) Colloquium 1: Literature study (presentation after 5 months of the study);
 - 2) Colloquium 2: Planning of empirical study (presentation after approximately 9 months of the study); and
 - 3) Colloquium 3: Complete research project (presentation in the 2nd year of study).
- e) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes.

G.1.14.3.3 Curriculum G801P: Pharmacy Practice

G.1.14.3.3.1 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.1.14.3.3.2 Compilation of the curriculum : Pharmacy Practice

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

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

G.1.14.4 Programme: Advanced Clinical Pharmacy

Qualification code: 803105 (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 (article format)

Applications close on 31 July whereafter a selection process will follow during August.

G.1.14.4.1 Admission and selection requirements of the programme

- a) The applicant must have acquired a bachelor degree in Pharmacy (B Pharm).

- b) 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.
- c) 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 post graduate advice counsel will be conducted during the selection process.
- e) Selection is subject to capacity restrictions.

G.1.14.4.2 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%.
- 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 which will allow publication.

G.1.14.4.3 Curriculum G801P: Advanced Clinical Pharmacy

G.1.14.4.3.1 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.1.14.4.3.2 Compilation of the curriculum: Advanced Clinical Pharmacy

Qualification- and programme code: 803105; Curriculum code: G801P

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	Dissertation	64
Credit total for the curriculum		192

G.1.15 RULES FOR THE DEGREE MASTER OF CONSUMER SCIENCES

The curricula for the masters 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.1.15.1 Duration (minimum and maximum)

- a) The **minimum duration** of study is **one year full-time** and **two years part-time**. The **maximum duration** is **three years**.
- b) Although a maximum studyperiod of three year is granted by the faculty, it will have extensive financial implications for the student after completion of the second study year.

G.1.15.2 Admission requirements of the qualification

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

G.1.15.3 Programme: Consumer Sciences

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

Closing date for applications is 30 September.

G.1.15.3.1 Admission requirements for the programme

- a) General admission requirements as per G.1.15.2 hold.

G.1.15.3.2 Additional requirements and faculty specific rules

- a) Admission is based on academic performance during previous studies.
- b) An average academic mark of 60% in the honours programme or equivalent 4-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 module, VVBG671, is a compulsory requirement for admission to the programme.
- e) Students who do not comply with the admission requirements will be allowed to write an admissions examination, which must be passed before final selection.
- f) Students will only be admitted to the programme if sufficient capacity is available.

G.1.15.3.3 Curriculums G880P and G881P: Consumer Sciences

In conjunction with the school director and supervisor, a student may choose between either a curriculum consisting of a dissertation and one paper, or a curriculum consisting of a mini-dissertation and two papers.

The choice module will be determined by the field of specialisation. If a student doesn't have the necessary background on NQF-level 8, it must be updated to the satisfaction of the School director before the student may proceed to the research project.

G.1.15.3.3.1 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.1.15.3.3.2 Compilation of the curriculums: Consumer Sciences

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

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

Qualification- and programme code: 836 100; **Curriculum code:** G881P

Module code	Descriptive name		Credits
VERB873	Mini-dissertation		96
VERB876	Consumer Behaviour and Research Methodology		40
Choice modules: Choose one of the following:			
VGHB874	Advanced Consumer Resource Management	VGHB671 VGHB672 VGHB673	48
VKLE874	Advanced Textiles	VKLE671	48
VKLE878	Specialised Fashion Industry	VKLE672	48
VVDL874	Advanced Food	VVDL672 VVDL673	48
Total credits for the curriculum			184

Note: VERB876 consists of Consumer Behaviour (24 credits) and Research Methodology (16 credits).

G.1.16 RULES FOR THE DEGREE MASTER OF SOCIAL WORK

The curricula for the masters 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 research entity AUTHeR.

Research and training in Social Work take place under the guidance of the research director, assisted by the director of the School for Psychosocial Behavioural Science 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 research entity AUTHeR.

G.1.16.1 Duration (minimum and maximum)

- a) Studies in the masters degree can be done full-time or part-time.
- b) The minimum duration of the study is **one year** and the maximum duration is **three years**, calculated from the date of first registration for the specific programme.
- c) Although a maximum studyperiod of three year is granted by the faculty, it will have extensive financial implications for the student after completion of the second study year.

G.1.16.2 Admission requirements of the qualification

- a) A four year Bachelors degree in Social Work or equivalent qualification where indicated is required.
- 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.1.16.3 Social Work Curriculums

- a) The student has a choice between three 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**.
- d) The structured curricula are accessible for students, selected from other related subject fields, and who have an interest in the Social Work profession.

G.1.16.4 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.1.16.5 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.1.16.5.1 Admission and selection requirements of the programme

- a) A four year Bachelors degree in Social Work or equivalent qualification is required.
- b) Students enrolling for this qualification must write an admissions examination, for which certain material must be prepared.
- c) An in-depth discussion focussing on certain criteria which can be related to the general standards for post graduate students, will be conducted with each prospective student.
- d) Selection takes place from the 1st of October.

G.1.16.5.2 Additional requirements and faculty specific rules

- a) It may be expected of prospective students to write a Test for Academic Literacy for Post graduate students.
- 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.1.16.5.3 Curriculum G801P: Social Work

G.1.16.5.3.1 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 for Psychosocial Behavioural Science;
- 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.1.16.5.3.2 Compilation of the curriculum: Social Work

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

Module code	Descriptive name	Credits
MWKN 871	Dissertation: Social Work	180
Total credits for the curriculum		180

G.1.16.6 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 as follows:

Curriculum G801P: Child Protection - 30 September

G.1.16.6.1 Admission and selection requirements of the programme

- A four year Bachelors degree in Social Work or equivalent qualification as approved by Senate is required.
- An in-depth discussion focussing on certain criteria which can be related to the general standards for post graduate students, will be conducted with each prospective student.
- It may be expected from certain students enrolling for this qualification to write an admissions examination, for which specific material must be prepared.
- It may be expected of certain prospective students to write a Test for Academic Literacy for Post graduate students.
- Admission will be subject to previous learning and academic performance as well as experience in the field.

G.1.16.6.2 Additional requirements and faculty specific rules

- 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.1.16.6.2.1 Curriculum G801P: Child Protection

G.1.16.6.2.2 Curriculum outcomes

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

- 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;
- 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 research dissertation; and
- d) Plan, implement and evaluate appropriate interventions at micro, meso and macro level.

G.1.16.6.2.3 Compilation of the curriculum : Child Protection

Qualification- and programme code: 113 108; **Curriculum code:** G801P

Module code	Descriptive name	Credits
MWKK873	Mini-dissertation	60
MWKK874	Child protection as field of service	20
MWKK875	Children as a vulnerable group	20
MWKK876	Social work intervention in the field of child protection	24
MWKK877	Substitute care in South Africa	24
MWKF880	Research Theory	32
Total credits for the curriculum		180

G.1.16.6.2.4 Curriculum G802P: Play Therapy

Note: The curriculum is phasing out and no new students will be taken in for 2014. (See the new programme in Play Therapy- Programme code: 113110 for enrolment in 2014).

Qualification code: 113 108 (Play Therapy)

G.1.16.6.2.5 Admission and selection requirements of the curriculum (Play Therapy)

- a) A four year Bachelors degree in Social Work or equivalent qualification as approved by Senate is required
- b) Assessment takes place during a personal interview conducted with candidates;
- c) Reference letters from referents chosen by the candidate will be considered;
- d) Completion of psychometric tests; and
- e) considering the candidate's experience in the field.
- f) It is highly recommended that students enrolling for this programme must submit proof of immunisation against Hepatitis B.

G.1.16.6.2.6 Curriculum outcome

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

- a) Demonstrate extensive and systematic specialist knowledge, understanding and skill regarding relevant theories, techniques and media true to the field of Play Therapy with children and be able to apply it

ethically and culturally sensitively on micro-, meso- and macro levels when developing helping strategies and interventions as well as assessment and reporting in relevant report formats;

- b) Demonstrate the ability to obtain, analyze, synthesize and evaluate information about the child in his/her psychosocial context;
- c) Utilize advanced research skills in order to identify complex and real-life problems in the psycho-social context of the child within the field of Play Therapy and to collect appropriate data, analyze such data critically, to integrate and to report findings and solutions in writing with the guidance of a study supervisor in the form of a dissertation so that it complies with the format prescribed by NWU;
- d) Demonstrate skill in working within a group setting with professional colleagues towards the identification and dealing with problems regarding the child within his/her psychosocial context and to use information technology to report to such colleagues.

G.1.16.6.2.7 Composition of the curriculum: Play Therapy

Qualification and program code: 113 108 **Curriculum code:** G802P

Module code	Descriptive name	Credits
MWKS873	Mini-dissertation	60
MWKS811	Basic principles, theories and philosophy of Gestalt Play Therapy	20
MWKS875	The therapeutically relationship and process in Gestalt Play Therapy	20
MWKS821	Gestalt Play Therapy: Advanced intervention	16
MWKS877	Practice-based utilisation of Gestalt Play Therapy	32
MWKS880	Social Work Research: Theory	32
Total credits for the curriculum		180

G.1.16.7 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.1.16.7.1 Admission and selection requirements of the programme

- a) A four year Bachelors degree in Social Work or equivalent qualification as approved by Senate is required.
- b) An in-depth discussion focussing on certain criteria which can be related to the general standards for post graduate students as well as the forensic field of social work, will be conducted with each prospective student.

- c) It may be expected from certain students enrolling for this qualification to write an admissions examination, for which specific material must be prepared.
- d) Admission will be subject to previous learning and academic performance as well as experience in the field.

G.1.16.7.2 Additional requirements and faculty specific rules

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.1.16.7.2.1 Curriculum G801P: Forensic Practice

G.1.16.7.2.2 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.1.16.7.2.3 Compilation of the curriculum : Forensic Practice

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

Module code	Descriptive name	Credits
MWKF873	Research Paper (Semesters 1 en 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 en 2)	32
Total credits for the curriculum		188

G.1.16.8 Programme: Play Therapy

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.1.16.8.1 Admission and selection requirements of the programme

- a) A four year Bachelors degree in Social Work or equivalent qualification as approved by Senate is required.
- b) Assessment takes place during a personal interview conducted with candidates.
- c) Completion of psychometric tests; and
- d) Consideration of the candidate's experience in the field.

G.1.16.8.2 Additional requirements and faculty specific rules

- a) 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)
- b) It is highly recommended that students enrolling for this programme must submit proof of immunisation against Hepatitis B.

G.1.16.8.2.1 Curriculum G801P: Play Therapy

G.1.16.8.2.2 Curriculum outcomes

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

- a) Demonstrate extensive and systematic specialist knowledge, understanding and skill regarding relevant theories, techniques and media true to the field of Play Therapy with children and be able to apply it ethically and culturally sensitively on micro-, meso- and macro levels when developing helping strategies and interventions as well as assessment and reporting in relevant report formats;
- b) Demonstrate the ability to obtain, analyze, synthesize and evaluate information about the child in his/her psychosocial context;
- c) Utilize advanced research skills in order to identify complex and real-life problems in the psycho-social context of the child within the field of Play Therapy and to collect appropriate data, analyze such data critically, to integrate and to report findings and solutions in writing with the guidance of a study supervisor in the form of a dissertation so that it complies with the prescribed format;
- a) Demonstrate skill in working within a group setting with professional colleagues towards the identification and dealing with problems regarding

the child within his/her psychosocial context and to use information technology to report to such colleagues.

G.1.16.8.2.3 **Compilation of the curriculum: Play Therapy**

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

Module code	Descriptive name	Credits
MWKP873	Mini dissertation	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.1.17 **RULES FOR THE DEGREE MASTER OF NURSING SCIENCES**

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 care).

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 care), 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.

The masters degree can be conducted on a full time and part time basis.

G.1.17.1 **Duration (minimum and maximum)**

- The **minimum duration** of the study is **one year** and the **maximum duration three years**, calculated from the date of the first registration for the specific programme.
- Although a maximum studyperiod of three year is granted by the faculty, it will have extensive financial implications for the student after completion of the second study year.

G.1.17.2 **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.1.17.3

Collective outcomes

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

- 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;
- evaluate current processes of knowledge production and choose an appropriate process of enquiry for the area of study or practice;
- possess 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;
- 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;
- 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;
- 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;
- 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,
- to communicate to a range of audiences with different levels of knowledge or expertise;
- 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
- 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.1.17.4

Programme: Research Masters 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 31 Oktober.

G.1.17.4.1 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.1.17.4.2 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 in the beginning of every study year.
- b) To specialise in any of the Nursing Science programmes/curricula, the student should provide proof of a special registration at the South African Nursing Council or of an equivalent registration if the student is not a South African citizen.
- c) 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. The student will be subject to a selection process which takes place from the 1st of November, and during which the research director and experts of the particular study field/programme are present; as well as
- d) Successful completion of Research Methodology (VPKN874) and presentation of an acceptable research proposal are required for progress to the second study year. The studies of students who do not comply with this 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 four-year Bachelor's degree in Nursing with Community Nursing as major, or a three-year Bachelor's degree with Community Nursing as major and a diploma in Community Nursing.

b) Health Services Management

A student who wishes to specialise in Health Service Management should have a four-year Bachelor's degree in Nursing Science or a three-year Bachelor's degree in Nursing Science with Nursing Management as major and a diploma in Nursing Management.

c) Health Sciences Education

A student who wishes to specialise in Health Science Education should have a four-year Bachelor's degree in Nursing or a three-year Bachelor's degree in Nursing Science with Nursing Education as major and a diploma in Nursing Education.

d) Professional Nursing

A student who wishes to specialise in Professional Nursing should have a four-year or three-year Bachelor's degree in Nursing Science.

e) Nursing

A student registering for this curriculum should have a three- or four-year Bachelor's degree in Nursing Science with a minimum of 60% average in the final year.

G.1.17.4.3 Curriculum G830P: Community Nursing

G.1.17.4.3.1 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.1.17.4.3.2 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.1.17.4.4 Curriculum G831P: Health Service Management

G.1.17.4.4.1 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.1.17.4.4.2 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.1.17.4.5 Curriculum: G832P: Health Science Education

G.1.17.4.5.1 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.1.17.4.5.2 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.1.17.4.6 Curriculum G833P: Professional Nursing

G.1.17.4.6.1 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.1.17.4.6.2 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.1.17.4.7 Curriculum G836P: Nursing

G.1.17.4.7.1 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.1.17.4.7.2 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.1.17.5 Programme: Structured Masters 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.

(The curriculum in Midwifery and Neonatal Nursing Science will not be presented in 2014.)

Closing date for applications is 31 Oktober.

G.1.17.5.1 Admission and selection requirements of the programme

- a) Students should provide proof that they have obtained a bachelors degree in Nursing Science or equivalent qualification¹.

G.1.17.5.2 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** of bachelor's degree or equivalent qualification. The student will be subject to a selection process which takes place from the 1st of November, and during which the school director and programme manager of the particular study field/programme are present; as well as
- d) Successful completion of Research Methodology (VPKN874) 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 this 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 2014

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.1.17.5.3 Curriculum G834P: Psychiatric Community Nursing

G.1.17.5.3.1 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.1.17.5.3.2 Compilation of the curriculum: Psychiatric Community Nursing

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

Module code	Descriptive name	Credits
VPEK874	Clinical Psychiatric Community Nursing	32
VPEK875	Psychiatric Community Nursing Skills and Methods	32
VPEK876	Psychiatric Community 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.1.17.5.4 Curriculum G835P: Midwifery and Neonatal Nursing

Note: The curriculum in Midwifery and Neonatal Nursing Science will not be presented in 2014

G.1.17.5.4.1 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:

- facilitate the promotion, maintenance and restoring of the health of the mother and child;
- demonstrate critical-analytical, problem-solving mental skills, as well as apply ethical principles during the practise of Midwifery and Neonatal Nursing;
- integrate professional and personal values and norms in the ethical-legal practising of Midwifery and Neonatal Nursing;
- analyse, organise and evaluate health information regarding the mother and child critically;
- show awareness regarding the importance of effective learning strategies, responsible citizenship, culture sensitivity, teaching, occupational matters and entrepreneurial capabilities in Midwifery and Neonatological Nursing;
- organise and manage herself/himself and activities effectively in mother and child care;
- facilitate Midwifery and Neonatal Health care as a specialist practitioner, leader, researcher and consultant;
- 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;
- 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;
- 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.1.17.5.4.2 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, Community, Psychiatric) 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:

- a) 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.1.18 RULES FOR THE DEGREE PHILOSOPHY OF DOCTOR

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 four years is granted by the faculty, it will have extensive financial implications for the student after completion of the third study year.

G.1.18.2 Admission requirements of the qualification

A masters 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 11 September. (After this date applications will be considered on merit).

G.1.18.3.1 Admission requirements for the programme

- a) A masters 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.1.18.3.2 Additional requirements and faculty specific rules

The student should pass the masters 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:

- a) have 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) have 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 Sciences

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 Sciences

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

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 masters 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 masters degree with an average of at least 60%.

G.1.18.4.3 Curriculum G935P: Recreation Sciences

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 Sciences

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 + P) (Pharmaceutical Chemistry)

- a) The PhD degree is a research-based degree and consists of a study (research project) and a thesis in one of the following curricula: Pharmacy, Pharmaceutical Chemistry.
- b) The curricula are presented on a full-time and part-time basis in Afrikaans and English.
- c) 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 masters degree or equivalent qualification as approved by Senate is required in the particular field of specialization.
- b) Admission is based on selection by the director of the Centre of Excellence for Pharmaceutical Sciences and selection is done on an ongoing basis, with consideration of the specific registration dates as determined by the University.
- c) Admission to a program/curriculum 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.1.18.5.2 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 + P) (Pharmaceutics)

- a) The PhD degree is a research-based degree and consists of a study (research project) and a thesis in Pharmaceutics.
- b) The curricula are presented on a full-time and part-time basis in Afrikaans and English.
- c) 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 masters degree or equivalent qualification as approved by Senate is required in the particular field of specialization.

- a) Admission is based on selection by the director of the Centre of Excellence for Pharmaceutical Sciences and selection is done on an ongoing basis, with consideration of the specific registration dates as determined by the University.
- b) Admission to a program/curriculum 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 Rules hold. (par. 5.4.2.7)

G.1.18.6.3 Curriculum G911P: Pharmaceutics

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 + P) (Pharmacology)

- a) The PhD degree is a research-based degree and consists of a study (research project) and a thesis in Pharmacology.
- b) The curricula are presented on a full-time and part-time basis in Afrikaans and English.
- c) 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 masters degree or equivalent qualification as approved by Senate is required in the particular field of specialization.
- b) Admission is based on selection by the director of the Centre of Excellence for Pharmaceutical Sciences and selection is done on an ongoing basis, with consideration of the specific registration dates as determined by the University.
- c) Admission to a program/curriculum 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 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)

- a) The PhD degree is a research-based degree and consists of a study (research project) and a thesis in Pharmacy Practice.
- b) The curricula are presented on a full-time and part-time basis in Afrikaans and English.
- c) 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 M Pharm or equivalent qualification is required;
- b) Admission to the program/curriculum takes place according to selection by the leader of the research niche area and the School director, an selection is done on an ongoing 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 masters project.
- b) Practise experience and prior learning will be taken in consideration.
- c) Admission to a programme/curriculum 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 programme/curriculum.

- d) 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.1.18.8.3 Curriculum G913P: Pharmacy Practice

- a) 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 B Pharm, Hons BSc, MSc and M Pharm 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 31 October. (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 masters degree in Occupational Health (or equivalent qualification) at master's level;
- b) Selection according to specified admission requirements is done by the Research Director and senior researchers and is subject to available capacity in the Occupational Hygiene subject group.

G.1.18.9.2 Addisionale requirements and faculty specific rules

At least 60% average in the masters 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 **suitable** MSc degree or a qualification which the Senate considers equivalent;
- b) A post graduate 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 mastership in Cardiovascular Physiology.
- c) The general closing date for applications is 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 certain admission requirements and considered by the research director and senior researchers in the entity HART. Selection is subject to available capacity.

G.1.18.11.2 Additional requirements and faculty specific rules

- a) The student should achieve at least 60% in Physiology at masters level (or equivalent qualification).
- a) It is strongly recommended that the student should provide proof of immunisation, at least against Hepatitis 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 Family Resource Management, Clothing or Food.
- 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

- a) A applicable masters degree or a qualification which the Senate considers equivalent is required.
- b) The selection process takes place from the 1st of October and applications will be considered by a selection panel.
- c) Admission is granted in consideration of the students' previous academic performance (during completion of master's degree);
- d) Students will only be admitted to the programme if capacity in the subject group permits it.

G.1.18.12.2 Additional requirements and faculty specific rules

The curriculum and the topic are chosen in consultation with the School director and/or the Research Director and Supervisor, with the reservation that the topic will fit into the approved focus area programmes of both the Consumer Sciences and the Faculty of Health Sciences.

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 a **suitable** MSc degree or a qualification which the Senate considers equivalent;
- b) A post graduate 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 en B during the previous 5 years.

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

- 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;
- An in-depth discussion focussing on certain criteria which can be related to the general standards for post graduate students as well as the field of social work, will be conducted with each prospective student.
- It may be expected of prospective students to write an admissions test for which certain material must be prepared as well as a Test for Academic Literacy for Post graduate students.

G.1.18.14.2 Additional requirements and faculty specific rules

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).

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 31 October. (After this date applications will be considered on merit).

G.1.18.15.1 Admission and selection requirements of the programme

- a) A masters 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 masters 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 Science

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 masters degree or a qualification which the Senate considers equivalent.
- b) An application for selection must be handed in before the selection process strats 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 masters 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 POST-GRADUATE DIPLOMA IN MIDWIFERY AND NEONATAL NURSING SCIENCE****This post graduate diploma will not be presented in 2014.**

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

G.1.19.1 Duration of study

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

G.1.19.2 Admission requirements

- a) A Bachelor's degree in Nursing Science and Midwifery or equivalent qualification.
- b) 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 life long learning and advance on your career path.

G.1.19.4.2 Articulation possibilities

Students can proceed to the research masters degree after completion of this qualification.

G.1.20

RULES FOR THE ADVANCED UNIVERSITY DIPLOMA IN HEALTH SCIENCE (OPEN DISTANCE LEARNING)

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

If a professional nurse, this diploma 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.

This qualification can only be obtained by means of open distance learning.

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 for the one year diploma and two years for the two years diploma. The maximum duration is respectively two years and three 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
NSKT211	Pharmacology	16	NONE
	<i>Health Science Dynamics</i>		
NSDT111	Health Science Dynamics	16	NONE
	<i>Health Science Education</i>		
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
	<i>Financial Health Management</i>		
NSFT121	Financial Health Management	16	NONE
	<i>Clinical Nursing Science</i>		
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
	<i>Health Service Management</i>		
NSMT211	Unit/Clinic Management	16	NONE
NSMT221	Human Resources Management	16	NONE
NSMT271	Health Service Management: Practica	16	NONE
	<i>Health Science Research</i>		
NSRT121	Health Science Research	16	NONE
	<i>Public Management and Governance</i>		
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.

- b) 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

- a) 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), a maximum of TEN theory modules can 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 (Open distance learning); 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 B.Cur. (Ed. et Adm.) degree a maximum of eight (8) theory modules will be credited on written request from the student and payment of the prescribed 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 (Open distance learning); 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 (Open distance learning); 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 a maximum of eight (8) theory modules can be credited on written request from the student and payment of the prescribed 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 (Open distance learning); 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 (Open distance learning);
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 a maximum of eight (8) theory modules can be credited on written request from the student and payment of the prescribed 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 (Open distance learning); 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 (Open distance learning);
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:

- a) utilising critical analytical problem solving skills in the management of the health problems of patients;
- b) assessing, diagnosing and implementing outcomes of planned comprehensive care;
- c) communicating effectively; and
- d) undertaking research within the epidemiological framework.

G.1.20.7.6.2 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 credit will be given on written request from the student and payment of the prescribed fees for a maximum of eight (8) theory modules completed.

G.1.20.7.6.3 Additional Rules

- a) A student must be qualified in General Nursing Science and Midwifery;
- b) Students registered for NSHT, must 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.1.20.7.6.4 Compilation of Curriculum : Clinical Nursing Science, Health Assessment, Treatment and Care (One Year) **Qualification and programme code: 837 103 (Open distance learning); 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 POST GRADUATE DIPLOMA IN PHARMACOLOGICAL PRINCIPLES OF DRUG THERAPY

Qualification code: 847100 (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

- a) The minimum duration of the study is one (1) year and the maximum duration is three (3) years.

- b) 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.
- c) 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 Post Graduate Diploma within a maximum period of three years

G.1.21.2 Admission requirements

- a) 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
- b) 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 Post Graduate Diploma within a maximum period of three years.
- c) 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
- d) 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. The programme in Pharmacological Principles of Drug Therapy is accredited by the Health Professions council of South Africa (HPCSA) for the purpose of continued professional development (CPD) for medical practitioners. 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 Post Graduate Diploma in Pharmacological Principles of Drug Therapy, the student will demonstrate:

- accountable 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 Facultyspecific rules for the curriculum

- 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..
- 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: 847100; Kurrikulumkode: 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, Hormonoids and Hormone Antagonists	16
Module 9: FKLT562**	Drugs for GIT and Skin Disorders	8

Module code	Descriptive name	Credits
Module 10: FKLT563**	Vitamins, Haematopoetics 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: FMIA613	Semester 1	NQR-Level:7
Title: Biopharmaceutics		
Module Outcomes: After the completion of the module, the student should be able to: <ul style="list-style-type: none"> • acquire the basic principles of biopharmaceutics and pharmacokinetics; • describe the various factors (dissolutions, absorption, gastric emptying rate presence of food etc.) on the bio-availability of various drugs; • advise patients with regard to the correct use of drug dosage regimens in order to optimise drug therapy; • describe the various parameters used to determine the bio-availability of drugs; and • describe the various characteristics of drugs that may cause pharmacokinetic variability. 		
Methods of Delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: FPHA611	Semester 1	NQR-Level:7
Title: Introduction to Pharmaco-economics		
Module Outcomes: After the completion of the module, the student should be able to demonstrate: <ul style="list-style-type: none"> • appropriate pharmacoeconomic analytical methods in specific situations; • planning and implementation of pharmaco-economic research studies; • compilation of pharmacoeconomic reports and critically evaluating published pharmacoeconomic studies; • identification of international trends and applications of pharmacoeconomic principles; and • Illustration of cost concepts and application and uses of pharmacoeconomics. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: FPHA612	Semester 1	NQR-Level:7
Title: Managed Pharmaceutical Care		
Module Outcomes: After the completion of the module, the student should be: <ul style="list-style-type: none"> • Familiar with the theoretical and practical aspects of managed pharmaceutical care with regard to the application of the patient care process and the establishment and management of the professional pharmaceutical care practice in the South African context. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: FPHA613	Semester 1	NQR-Level:7
Title: Disease Management and Drug Utilisation Review		
Module Outcomes: After the completion of the module, the student should be able: <ul style="list-style-type: none"> • to implement certain medicine information systems pertaining to Disease Management as an aid in decision making to improve quality and economical aspects in medicine usage; and • have insight in the following information systems: Drug utilization review, pharmacoeconomics, evidence-based medicine, pharmacoepidemiology and the principles of Disease Management. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		

Module code: FPHA621	Semester 2	NQR-Level:7
Title: Pharmacotherapy I		
Module Outcomes: After the completion of the module, the student should be able: <ul style="list-style-type: none"> to supply knowledge and skills in primary screening and monitoring services, as well as background in the management of acute minor ailments of the neurological system, the eyes, the oral cavity, the ear, nose and throat in pharmacy; reflect knowledge on primary screening and monitoring services in the pharmacy, secondly an on basic pharmacotherapy and the necessary skills to communicate a comprehensive patient history; and know theoretical guidelines for the basic physical examination of a patient on primary health care level. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: FPHA622	Semester 2	NQR-Level:7
Title: Pharmacotherapy II		
Module Outcomes: After the completion of the module, the student should: <ul style="list-style-type: none"> reflect knowledge and skills in the management of acute minor ailments as well as insight into the care of patients with chronic diseases; reflect knowledge and skills on the rational treatment and the referral of patients to secondary care level; know the implementation of the principles of pharmacotherapy in a holistic pharmaceutical plan; and know etiology, symptoms and signs, and treatment of a range of disorders including: Neurological disorders, ophthalmologic disorders, the oral cavity, ear nose and throat disorders, upper and lower respiratory tract disorders, cardiovascular disorders, diabetes, musculo-skeletal disorders, skin infections, urine tract infections and sexually transmitted diseases. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: FPHA623	Semester 2	NQR-Level:7
Title: Pharmaco-epidemiology		
Module Outcomes: <ul style="list-style-type: none"> To implement and use certain principles, concepts and epidemiologic fundamentals in day-to-day pharmacy practice. The learner should have insight in: <ul style="list-style-type: none"> fundamental pharmcoepidemiology; epidemiological concepts; observational study designs in epidemiology; experimental study designs; data identification and analysis; concepts of risk and risk assessment; screening and diagnostic testing; post-marketing surveillance drug utilisation studies and pharmacoconomics; and Pharmacoepidemiology in pharmacy practice. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: FPHA625	Semester 2	NQR-Level:7
Title: Medicines Supply Systems		
Module Outcomes: After the completion of the course the student should be:		

<ul style="list-style-type: none"> Familiar with the management of medicine distribution in the public health care system in South Africa with special emphasis to the pharmacist's responsibilities in the medicine distribution cycle, policy guidelines, medicine selection procurement and distribution. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: FKLT631	Semester 1	NQR-Level:7
Title: Principles of Pharmacokinetics		
Module Outcomes: After successful completion of this module, the learner should be able to: <ul style="list-style-type: none"> demonstrate an understanding of the basic pharmacokinetic principles and the ability do some calculations; know the factors influencing the absorption, distribution, metabolism and excretion of drugs; participate in all discussions; and Demonstrate an ability to apply sound ethical principles in all endeavours. 		
Method of delivery: Open 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 learner 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 degree.		
Module code: FKLT632	Semester 1	NQR-Level:7
Title: Principles of Pharmacodynamics		
Module Outcomes: After successful completion of this module, the learner should be able to: <ul style="list-style-type: none"> apply pharmacodynamic principles to assess the impact of drugs on a patient; assess drug actions from pharmacodynamic parameters; assess beforehand whether or not a certain combination of drugs is desirable; interpret and evaluate in vitro and in vivo experimental findings; apply the principles of linear drug-receptor interactions to the complicated non-linear drug-receptor interactions; show a thorough knowledge of the various drug-receptor interactions of agonists and antagonists; and Participate in partner and group discussion. 		
Method of delivery: Open 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 learner 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 degree.		
Module code: FKLT633	Semester 1	NQR-Level:7
Title: Drugs for Pain, Inflammation, Fever and Air Passage Diseases		
Module Outcomes: After successful completion of this module and in the treatment of disorders (e.g. pain and inflammation, obstructive pulmonary and other respiratory disorders) in which autacoids are predominantly involved, the learner should be able to: <ul style="list-style-type: none"> portray a full classification of the drugs in this regard; demonstrate awareness of all effects in the application of these drugs; reflect a thorough knowledge and understanding of the pharmacological mechanisms of action 		

<p>and pharmacokinetics of these drugs;</p> <ul style="list-style-type: none"> • explain drug interactions together with indications and contra-indications of specific drug treatment; • analyse and evaluate treatment scenarios and propose rational alternatives; • show a patient-oriented approach in advising patients on effective drug use; • demonstrate the ability to retrieve the latest information on drugs for treating these disorders; • participate in peer and group discussions; and • Apply social and ethical codes in drug selection and administration. 		
Method of delivery: Open distance learning.		
<p>Assessment methods:</p> <p>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 learner 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 degree.</p>		
Module code: FKL T641	Semester 1	NQR-Level:7
Title: Drugs and the Peripheral Nervous System		
<p>Module Outcomes:</p> <p>After successful completion of this module, the learner should be able to:</p> <ul style="list-style-type: none"> • portray a full classification of drugs acting in the peripheral nervous system; • demonstrate awareness of the therapeutic applications of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • explain drug interactions together with selected indications and contra-indications of drug treatment; • reveal the ability to retrieve the latest information on drugs for treating the appropriate disease states; • participate in group discussions; and • Demonstrate the application of a social and ethical code in drug selection. 		
Method of delivery: Open distance learning.		
<p>Assessment methods:</p> <p>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 learner 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 degree.</p>		
Module code: FKL T642	Semester 1	NQR-Level:7
Title: Chemotherapy of Infections and Infestations		
<p>Module Outcomes:</p> <p>After successful completion of this module and in the treatment of various infectious disease states with anti-microbial drugs, the learner should be able to:</p> <ul style="list-style-type: none"> • portray a full classification of drug prototypes used in the treatment of infectious diseases; • select an appropriate treatment; • demonstrate satisfactory knowledge of the clinically important pharmacological mechanisms and pharmacokinetics of antimicrobial drugs; • explain clinically important indications, contra-indications and drug interactions; • analyse and evaluate treatment scenarios, and to propose responsible alternatives to obvious cases of misuse of drugs; • illustrate an ability to solve case studies; • demonstrate a patient-directed approach and an ability to advise patients regarding effective 		

anti-infective drug use in view of the global increase in microbial drug resistance; <ul style="list-style-type: none"> • reveal an understanding of the need to remain informed about infection control and treatment in an ever changing microbiological environment; • participate in group discussions; and • apply a social and ethical code in drug selection. 		
Method of delivery: Open 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 learner 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 degree.		
Module code: FKLT651	Semester 2	NQR-Level:7
Title: Drugs and the Central Nervous System		
Module Outcomes: In the treatment of disorders of the central nervous system with drugs affecting central neurotransmission and receptor function you should: <ul style="list-style-type: none"> • be able to portray a full classification of the drugs in this regard; • be aware of all effects in the application of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • be able to explain drug interactions together with indications and contra-indications of specific drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational alternatives; • show a patient-directed (oriented) approach in advising patients of the effective drug use; • demonstrate the ability to retrieve the latest information on drugs for treating various central nervous system disorders; • be able to participate in discussions; and • be able to apply social and ethical codes in drug selection and administration. 		
Method of delivery: Open 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 learner 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 degree.		
Module code: FKLT652	Semester 2	NQR-Level:7
Title: Hormones, Hormonoids and Hormone Antagonists		
Module Outcomes: After successful completion of this module, you should be able to: <ul style="list-style-type: none"> • portray a full classification of releasing factors, tropic hormones and peripheral hormones, and indicate their sites of release and action, respectively; • name appropriate examples of drugs that act through modulation of hormonal action, be it as an agonist or antagonist; • name and explain the physiological actions of the various hormones, and be able to discuss the therapeutic effects and clinically important side-effects/toxicity of hormone-active drugs (distinguish between direct and indirect effects); • Discuss the mechanisms whereby the various classes of hormones exert their physiological effects, and to discuss the pharmacological effects (see bullet 2) of the hormone-active drugs that act on these particular endocrine systems (distinguish receptor mechanism, cellular mechanism, neural mechanism, hemodynamic mechanism, systematic mechanism, etc.); 		

<ul style="list-style-type: none"> • name and also motivate the indications and contra-indications of the hormone-active drugs from the pharmacodynamic and -kinetic parameters of these drugs or drug groups under discussion; • name and motivate the clinically important drug-drug interaction(s) from the pharmacodynamics and -kinetics of the specific hormone-active drug(s) or drug group(s) under discussion; • scientifically analyse and evaluate given treatment scenarios for a specific patient (case studies) and propose possible alternatives; • discuss and motivate the relevant points of patient advice with regard to using hormone-active drugs; • demonstrate a patient-directed approach with regard to the appropriate pharmacotherapy; • retrieve and evaluate the latest information on this subject independently and when directed to, by means of information technology, including CD-ROM and the Internet; • communicate with colleagues individually, and in groups regarding the topics under discussion; • Discuss the social-ethical implications of the specific hormone-active drug treatment regimes. 		
Method of delivery: Open 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 learner must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 13) to obtain the degree.		
Module code: FKLT661	Semester 2	NQR-Level:7
Title: Drugs and the Cardiovascular System		
Module Outcomes: In the treatment of various cardiovascular disease states with drugs that affect renal and cardiovascular functioning you should: <ul style="list-style-type: none"> • be able to portray a full classification of the drugs in this regard; • be aware of all effects in the application of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • be able to explain drug interactions together with indications and contra-indications of drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational (responsible) alternatives; • reveal a patient-directed approach in advising patients of the effective use of drugs; • reveal the ability to retrieve the latest information on drugs for treating various cardiovascular disease states; • be able to participate in group discussions; and • be able to apply the social and ethical code in drug selection. 		
Methods of Delivery: Open 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 learner 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 degree.		
Module code: FKLT662	Semester 2	NQR-Level:7
Title: Drugs for GIT and Skin Disorders		
Module Outcomes: After successful completion of this module, you should: <ul style="list-style-type: none"> • be able to portray a full classification of the drugs in this regard; 		

<ul style="list-style-type: none"> • be aware of all effects in the application of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • be able to explain drug interactions together with indications and contra-indications of drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational (responsible) alternatives; • reveal a patient-directed approach in advising patients of the effective use of drugs; • reveal the ability to retrieve the latest information on drugs for treating various cardiovascular disease states; • be able to participate in group discussions; and • be able to apply the social and ethical code in drug selection. 		
Method of delivery: Open 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 learner must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 13) to obtain the degree.		
Module code: FKLT663	Semester 2	NQR-Level:7
Title: Vitamins, Haematopoetics and Immunopharmacology		
Module Outcomes: In the drug treatment of cancer, the various indicated disease states that result from vitamin and mineral deficiencies, disorders pertaining to the blood forming organs, and disorders of the neuroimmune system, you should: <ul style="list-style-type: none"> • be able to portray a classification of the full range of drugs featuring in the module; • reflect a thorough knowledge of the relevant underlying pharmacological concepts including pharmacological action mechanisms, effects, and pharmacokinetics; • be able to explain clinically important drug interactions together with indications and contra-indications of drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational (responsible) alternatives; • reveal a patient-directed approach in advising patients on the effective use of the drugs; • reveal the ability to retrieve the latest information on drugs for treating the various disease states; • be able to participate in group discussions; and • be able to apply the social and ethical code in drug selection. 		
Method of delivery: Open 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 learner must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 13) to obtain the degree.		
Module code: FKLT664	Semester 2	NQR-Level:7
Title: Advanced Pharmacological Principles		
Module Outcomes: The topics discussed in this module are relevant for all the different fields of pharmacology. At the end of this module you should be able to: <ul style="list-style-type: none"> • explain the different drug interactions and the clinical significance; • use clinical pharmacokinetic principles to predict an appropriate dosing schedule; 		

<ul style="list-style-type: none"> • use the principles of chronopharmacology to enhance therapy in patients; • discuss gene therapy with other health workers; • participate in group discussions; and • Apply the social and ethical code in drug selection. 		
Method of delivery: Open 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 learner must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 13) to obtain the degree.		
Module code: FKLT665	Semester 2	NQR-Level:7
Title: Evidence-based Medicine		
Module Outcomes: After successful completion of this module, you should be able to: <ul style="list-style-type: none"> • describe the basic principles of evidence-based medicine and apply these principles to a selection of drugs for treatment, in order to optimise patient care; • explain clinical trial design and the meaning thereof for the interpretation of published data; • apply your knowledge of elementary biostatistics for the interpretation of published data; • utilise systematic review databases and reveal the ability to retrieve the latest information on evidence-based medicine; and • Apply the social and ethical code in drug selection. 		
Method of delivery: Open 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 learner 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 degree.		
Module code: FKLT671	Semester 2	NQR-Level:7
Title: Integrated Pharmacology		
Module Outcomes: The programme outcomes states that successful completion of the Honours B.Sc. Programme in Pharmacology 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 13) you should be able to demonstrate: <ul style="list-style-type: none"> • knowledge and insight into the dynamics and kinetics and interactions between drugs; and • an ability to compile individualised pharmacotherapeutic approaches, based on your pharmacological knowledge, insights and an appropriate ethical value system. These knowledge, skills and values will be evaluated with regard to all topics of the preceding modules including your ability to: <ul style="list-style-type: none"> • portray a full classification of all drugs; • demonstrate awareness of all effects in the application of all drugs; • reflect a thorough knowledge and understanding of the pharmacological mechanisms of action and pharmacokinetics of all drugs; • explain drug interactions together with indications and contra-indications of specific drug treatments; • analyse and evaluate treatment scenarios and propose rational alternatives; • show a patient-oriented approach in advising patients on effective drug use; • demonstrate the ability to retrieve the latest information on drugs for treating various disorders; 		

<ul style="list-style-type: none"> • participate in a discussion (oral examination); and • apply social and ethical codes in drug selection and administration. 		
Method of delivery: Open 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 learner 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 degree.		
Module code: FLGX612	Semester 1	NQF-Level: 7
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). 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX613	Semester 1	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: FLGX615	Semester 1	NQF-Level: 7
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. 		
Method of delivery: Full-time / Par-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX617	Semester 1	NQF-Level: 7
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 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX618	Semester 1	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX621	Semester 2	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: FLGX622	Semester 2	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX624	Semester 2	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX625	Semester 2	NQF-Level: 7
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). 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX627	Semester 2	NQF-Level: 7
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; 		

<ul style="list-style-type: none"> 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX671	Semester 2	NQF-Level: 7
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 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One presentation (oral communication) and an evaluation of the mini-dissertation.		
Module code: MBWB681	Semester 1 and 2	NQF-Level:7
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 etiology 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 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. 		
Method of delivery: Full-time/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:7
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 		

<p>and optimising of functional abilities; and</p> <ul style="list-style-type: none"> 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. 		
<p>Method of delivery: Full-time/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: MBWB683	Semester 1 and 2	NQF-Level:7
Title: Biokinetics Theory / Health		
<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 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. 		
<p>Method of delivery: Full time/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: MBWB684	Semester 1 and 2	NQF-Level:7
Title: Biokinetics: Professional Internship		
<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 SA 		
<p>Method of delivery: Full-time/contact.</p>		

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: MBWK681	Semester 1 and 2	NQF-Level:7
Title: Applied Research methodology		
Module outcomes: After the module has been completed, the student should be able to: <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. 		
Method of delivery: Full-time/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: MBWK682	Semester 1 and 2	NQF-Level:7
Title: Kinderkinetics Theory		
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 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; 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. 		
Method of delivery: Full time/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:7
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. 		
Method of delivery: Full time/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:7
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 		

<p>professional people to obtain multidisciplinary collaboration, and communicating knowledge to parents;</p> <ul style="list-style-type: none"> • 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 		
<p>Method of delivery: Full time/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: MBWK685	Semester 1 and 2	NQF-Level:7
Title: Applied Exercise Physiology		
<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 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. 		
<p>Method of delivery: Full time/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: MBWK686	Semester 1 and 2	NQF-Level:7
Title: Child Welfare and Health Promotion		
<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 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; 		

<ul style="list-style-type: none"> 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. 		
Method of delivery: Full time/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:7
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. 		
Method of delivery: Full time/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:7
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.		
Method of delivery: Full time/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:7
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. 		
Method of delivery: Full time/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:7
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. 		
Method of delivery: : Full time/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:7
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. 		
Method of delivery: : Full time/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: PSYC671	Semester 1	NQF-Level: 7
Title: Psychometrics		
Module outcomes: After completion of the module successful students should be able to: <ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge base and critical understanding of factors that helped shape psychological assessment internationally and in South Africa, and which continue to steer it today, as well as the nature and process of psychological evaluation; • demonstrate the skill to rate the utility of tests according to their psychometric properties, and evaluate and interpret the performance of individuals in various tests or test batteries (Students should also be able to use the basic properties and technical requirements of tests, including the way in which tests and their testing norms are developed, as individuals and in group context, to develop a new psychological measuring instrument to be used in a complex and real-life problem situation.); • demonstrate the ability to combine test scores, do cross-cultural test adjustments and interpret these; manage tests and ethical standards; take care of administrative arrangements involved in assessment procedures; and communicate test results to an audience of peers in the form of written research reports, or orally while using appropriate IT; • demonstrate the ability, individually or in group context, to undertake appropriate literature searches to serve as frame of reference when reasoning about the above aspects; and • reflect on the impact of the study material on the self as a person and as a future care giver. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC672	Semester 1	NQF-Level: 7
Title: Psychological Evaluation		
Module outcomes: After completion of the module successful students should be able to: <ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge base and critical understanding of the processes of psychological evaluation aimed at providing an holistic picture of the child, adolescent and/or adult; • demonstrate a coherent and critical understanding of various methods of evaluating 		

<p>psychological functioning and apply them ethically;</p> <ul style="list-style-type: none"> • apply a comprehensive knowledge of the core methods of psychological evaluation to clearly defined unfamiliar case studies; • critically evaluate qualitative and quantitative outcomes of psychological evaluation and synthesise them into a conclusion contained in a well-structured report meant for a probable reader; and • demonstrate the ability independently to garner information from appropriate research articles and other reliable sources, critically to analyse the information and synthesise it, and to present findings in relevant academic and professional discourse. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC673	Semester 1	NQF-Level: 7
Title: Applied Positive Psychology		
Module outcomes: After completion of the module successful students should be able to: <ul style="list-style-type: none"> • demonstrate a comprehensive knowledge base of Positive Psychology/Psychofortology as a movement in the field of Psychology, as well as the important paradigms, theories, concepts and ethical aspects that have a bearing on psychological health, and to apply them in order to identify and facilitate the functioning of the self and others in a multicultural context; • apply relevant theories/research in cultural context while being sensitive to biopsychological coherence in order to contextualise behavioural problems and facilitate psychosocial wellness from a positive psychological/psychofortological perspective; • demonstrate the ability to resolve complex and poorly defined modern-day problems that relate to psychological and psychosocial health, by using appropriate procedures and reliable evidence from a critical analysis of various theories in Positive Psychology/Psychofortology, as well as communicate the information in a reliable and coherent manner, both orally and in writing, thereby providing evidence of effective and critical reasoning; and • apply a variety of specifically selected research-based strategies in a moral-ethical and culture-sensitive way in order to promote positive psychological wellness in individuals, groups and communities while recognising important biopsychosocial associations and being sensitive to, among other things, collectivistic and individualistic value systems. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC674	Semester 1	NQF-Level: 7
Title: Research Psychology		
Module outcomes: After completion of the module successful students should be able to: <ul style="list-style-type: none"> • demonstrate understanding of research being planned and carried out from a specific paradigmatic perspective which represents the researcher's philosophic and conceptual framework and which is reflected in his/her assumptions about the world and the research process; • demonstrate a well-funded knowledge base of all aspects relating to research, as well as the phases of the research process; • apply research skills in a practical and ethical way, thereby demonstrating the ability to effectively select appropriate research methods for collecting and dealing with data in real-life situations; • present the research findings orally in an innovative way, as well as produce a coherent written report which demonstrates a critical understanding of using research-based solutions and theory; • identify when institution variance or two-way ANOVA (analysis of variance) is used; and • identify the purpose of multiple regression methods and differentiate between the various types and assumptions. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, and a formal examination.		

Module code: PSYC675	Semester 1	NQF-Level: 7
Title: Intervention Techniques		
Module outcomes: After completion of the module successful students should be able to – <ul style="list-style-type: none"> • have an advanced knowledge and understanding of the theory of relevant short-term intervention techniques (six-phase crisis intervention model); • demonstrate the ability to rate intervention theories and effectively apply core procedures, actions and techniques in various socio-cultural contexts; • demonstrate the ability independently to garner information from relevant research articles and other reliable sources, critically analyse and synthesise the information, and present the findings in appropriate academic and professional discourse; and • demonstrate a clear value system and ethical code of conduct in all modes of communication and behaviour. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC676	Semester 1	NQF-Level: 7
Title: Theoretical Perspectives on the Helping Relationship		
Module outcomes: After completion of the module successful students should be able to: <ul style="list-style-type: none"> • demonstrate comprehensive knowledge of and insight into various models and processes of psychological aid rendering; • apply this knowledge of various therapeutic theories and techniques to unfamiliar case studies, develop suitable interventions on the basis of theory-driven arguments and communicate them in reports according to the prescribed conventions of the subject; and • demonstrate information garnering and processing skills for finalising written assignments. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC677	Semester 1	NQF-Level: 7
Title: Community Psychology		
Module outcomes: After completion of the module successful students should be able to: <ul style="list-style-type: none"> • demonstrate comprehensive and systematic knowledge of what community psychology comprises and what may be regarded as geographic and social communities; • demonstrate competence to suggest appropriate interventions based on the conceptual models for community psychology; • demonstrate skills to facilitate, plan and evaluate community competence by using suitable research methods; and • be sensitive to the contextual embedment of communities in the macro environment characterised by poverty, violence, HIV and homelessness. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC678	Semester 1	NQF-Level: 7
Title: Psychopathology		
Module outcomes: After completion of the module successful students should be able to: <ul style="list-style-type: none"> • demonstrate comprehensive knowledge and understanding of Western and African perspectives on the various forms of psychopathology in children, adolescents and adults; • demonstrate skills to recognise, analyse and correctly diagnose possible etiologies relating to psychopathology in case studies; • make meaningful and relevant referrals for continued and advanced intervention after studying case studies; and • demonstrate ethical behaviour in all actions and base these actions on an established value 		

system.		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC679	Semester 1	NQF-Level: 7
Title: Ethics and Professional Conduct		
Module outcomes: After completion of the module successful students should be able to:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge base and critical understanding of the various pieces of legislation, ethical principles and professional codes of conduct that give direction to psychology as a profession, both internationally and in South Africa; • demonstrate skills to identify ethical, legal and professional dilemmas in a complex and real-life problem situation and arrive at an acceptable outcome; • demonstrate information garnering and processing skills in terms of finalising oral and written assignments; and • demonstrate a clear value system and ethical code of conduct in all modes of communication and behaviour. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYC681	Semester 1	NQF-Level: 7
Title: Facilitation of Community Wellness		
Module outcomes: After completion of the module successful students should be able to:		
<ul style="list-style-type: none"> • demonstrate knowledge and skills to identify needs, shortcomings, strengths and/or sources of individuals, groups or communities, garner information and interpret and analyse the data obtained in this way; and • plan suitable interventions in a way that is ethically responsible on the basis of the data gathered, suggest implementation plans, evaluate interventions and make adjustments according to the available feedback. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: RKKX673	Semester 1 and 2	NQF-Level: 7
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. 		
Method of delivery: : Full time/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:7
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; and • collect, analyse and interpret scientific research data under supervision from literature and case studies and use the results for positive leisure time functioning. 		
Method of delivery: : Full time/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:7
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. 		
Method of delivery: : Full time/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:7
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; 		

<ul style="list-style-type: none"> • 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 		
Method of delivery: : Full time/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:7
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; and • solve problems regarding recreation management in an ethically accountable manner in order to contribute to the promotion of recreation service delivery in South Africa. 		
Method of delivery: : Full time/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: 7
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 consumer by making recommendations acceptable to both parties; and • demonstrate the principles and values underlying decision-making and housing law, as well as economical 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.		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VGHB672	Semester 1 and 2	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VGHB673	Semester 1 and 2	NQF-Level: 7
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) ongoing 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; and • 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VKLE671	Semester 1 and 2	NQF-Level: 7
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; 		

<ul style="list-style-type: none"> 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VKLE672	Semester 1	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VNAM671	Semester 1 and 2	NQF-Level: 7
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 interpret 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
VNAV671	Semester 1 and 2	NQF-Level: 7
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 		

<p>consumer studies, and also to offer evidence-driven solutions from theory-driven and research-driven arguments;</p> <ul style="list-style-type: none"> 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Module code: VOED676	Semester 1 and 2	NQF-Level: 7
Title: Nutrigenetics		
<p>Module outcomes:</p> <p>After the module has been completed, the student should be able to:</p> <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 nutrogenetics topics by means of a seminar in order to develop his or her own opinion and defend it scientifically. 		
Method of delivery: Full-time / Part-time – Contact.		
<p>Assessment methods:</p> <p>Integrated assessment to ensure that the aim of the qualification is achieved will take place through various strategies:</p> <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 emphasised in particular; a research report proving that the student is familiar with the scientific research method and the documentation thereof, contributes to the module mark; exams are written at the end of each semester during official exam times, as applicable; all exams (papers), as well as the research report, are moderated externally after each examination; only one exam will be written by all students on the same day at the same time, with the second opportunity paper as the only alternative option; and students may apply to the exam division (or appropriate division) to write exams at examination centres other than the Potchefstroom Campus. 		

Module code: VOED677	Semester 1 and 2	NQF-Level: 7
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Title: Nutrition Epidemiology		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> 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. 		
Method of delivery: Full-time / Part-time – 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 emphasised in particular; a research report proving that the student is familiar with the scientific research method and the documentation thereof, contributes to the module mark; exams are written at the end of each semester during official exam times, as applicable; all exams (papers), as well as the research report, are moderated externally after each examination; only one exam will be written by all students on the same day at the same time, with the second opportunity paper as the only alternative option; and students may apply to the exam division (or appropriate division) to write exams at examination centres other than the Potchefstroom Campus. 		
Module code: VOED678	Semester 1 and 2	NQF-Level: 7
Title: Research report		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> demonstrate extensive and systematic knowledge and understanding of a variety of research methods, techniques and technologies in order to make the correct choice for the specific nutrition-related research question that has to be answered; apply the above knowledge to develop and process current research and peer-reviewed publications in an effective and efficient way in order to use it in own research; demonstrate capabilities to identify problems with regard to nutrition, analyse and evaluate them critically, collect and process the necessary quantitative and/or qualitative data and introduce ethically responsible solutions; and demonstrate skills to present and communicate professional nutrition-related work in an effective way by using a variety of aids for a variety of audiences. 		
Method of delivery: Full-time / Part-time – 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 		

<p>reporting that will contribute to a participation mark;</p> <ul style="list-style-type: none"> 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 emphasised in particular; a research report proving that the student is familiar with the scientific research method and the documentation thereof, contributes to the module mark; exams are written at the end of each semester during official exam times, as applicable; all exams (papers), as well as the research report, are moderated externally after each examination; only one exam will be written by all students on the same day at the same time, with the second opportunity paper as the only alternative option; and students may apply to the exam division (or appropriate division) to write exams at examination centres other than the Potchefstroom Campus. 		
Module code: VOED679	Semester 1 and 2	NQF-Level: 7
Title: Nutrition at public health level		
<p>Module outcomes:</p> <p>At the end of the module the student should be able to:</p> <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. 		
<p>Method of delivery: Full-time / part-time – Contact.</p>		
<p>Assessment methods:</p> <p>Integrated assessment to ensure that the aim of the qualification is achieved will take place through various strategies:</p> <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 emphasised in particular; a research report proving that the student is familiar with the scientific research method and the documentation thereof, contributes to the module mark; exams are written at the end of each semester during official exam times, as applicable; all exams (papers), as well as the research report, are moderated externally after each examination; only one exam will be written by all students on the same day at the same time, with the 		

second opportunity paper as the only alternative option; and students may apply to the exam division (or appropriate division) to write exams at examination centres other than the Potchefstroom Campus.		
Module code: VOED680	Semester 1 and 2	NQF-Level: 7
Title: Advanced Nutrition		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> • 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); and • implement knowledge and skills regarding the above in an ethically accountable manner. 		
Method of delivery: Full-time / Part-time – 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 emphasised in particular; • a research report proving that the student is familiar with the scientific research method and the documentation thereof, contributes to the module mark; • exams are written at the end of each semester during official exam times, as applicable; • all exams (papers), as well as the research report, are moderated externally after each examination; • only one exam will be written by all students on the same day at the same time, with the second opportunity paper as the only alternative option; and • students may apply to the exam division (or appropriate division) to write exams at examination centres other than the Potchefstroom Campus. 		
Module code: VOED681	Semester 1 and 2	NQF-Level: 7
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; and • communicate with athletes as well as their parents and coaches in an ethically accountable manner. 		
Method of delivery: Full-time / Part-time – 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 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 emphasised in particular;
- a research report proving that the student is familiar with the scientific research method and the documentation thereof, contributes to the module mark;
- exams are written at the end of each semester during official exam times, as applicable;
- all exams (papers), as well as the research report, are moderated externally after each examination;
- only one exam will be written by all students on the same day at the same time, with the second opportunity paper as the only alternative option; and
- students may apply to the exam division (or appropriate division) to write exams at examination centres other than the Potchefstroom Campus.

Module code: VVBG671

Semester 1 and 2

NQF-Level: 7

Title: Consumer Behaviour

Module outcomes:

Upon completion of this module the student should:

- 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.

Method of delivery: Full-time / Part-time – Contact.

Assessment methods: One examination per module.

Module code: VVDL672

Semester 1 and 2

NQF-Level: 7

Title: Food Product Development

Module outcomes:

On completion of this module the student should be able to:

- 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

<ul style="list-style-type: none"> present the complete project in a scientific fashion as a mini research project with a business plan in the form of a written report. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VVDL673	Semester 1 and 2	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VVO0671	Semester 1 and 2	NQF-Level: 7
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.	
Method of delivery:	Full-time / Part-time – Contact.
Assessment methods:	One examination per module

G.2.2 MASTERS DEGREES

Module code: CLNP 811	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, hyperlipidemia, 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 social 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 		
Method 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 (compulsary).		
Method of assessment: 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 • portfolio will be utilized as modes of outcome evaluation.		
Module code: CLNP 812	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. 		
Method 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 (compulsary).		
Method of assessment: Continuous assessment by means of: <ul style="list-style-type: none"> • assignments, • feedback reports, • group discussions, 		

<ul style="list-style-type: none"> • journal presentations, • online tutorials (e-Fundi), • practical assessments, and • written examination <p>will be utilized as modes of outcome evaluation</p>		
Module code: CLNP 821	Semester 2	NQF level: 9
Title: Clinical Pharmacotherapeutics and Therapeutic Outcomes Management I		
<p>Module outcomes:</p> <p>After completion of this unit the student should be able to:</p> <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. 		
<p>Method of delivery:</p> <p>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 (compulsary).</p>		
<p>Method of assessment:</p> <p>Continuous assessment by means of:</p> <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: CLNP 813	Semester 2/JV1	NQF level: 9
Title: Clinical Pharmacotherapeutics and Therapeutic Outcomes Management II		
<p>Module outcomes:</p> <p>After completion of this unit the student should be able to:</p> <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. 		
<p>Method of delivery:</p> <p>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 (compulsary).</p>		
<p>Method of assessment:</p> <p>Continuous assessment by means of:</p> <ul style="list-style-type: none"> • assignments, • feedback reports, 		

<ul style="list-style-type: none"> • 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: CLNP 814	Semester 1/JV2	NQF level: 9
Title: Clinical Drug Toxicology, Drug Therapy in Oncology and the Management of Drug Abuse		
<p>Module outcomes:</p> <p>After completion of this unit the student should be able to:</p> <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. 		
<p>Method of delivery:</p> <p>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 (compulsary).</p>		
<p>Method of assessment:</p> <p>Continuous assessment by means of:</p> <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: CLNP 873	Semester 2/JV2	NQF level: 9
Title: Mini-dissertation		
<p>Module outcomes:</p> <p>After completion of this unit the student should be able to:</p> <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 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. • Communicate effectively and ethically the research results in a scientifically acceptable article format and verbally present this to specialist and non-specialist audiences, using supportive IT 		
Method of delivery: Full time/part ime - contact		

Method of assessment:

Final Masters 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:8b
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. 		
Method 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: The dissertation will be examined internally and externally in accordance with the NWU regulations.		
Module code: FKLG871	Semester 1 and 2	NQF-Level:8b
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. 		
Method 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: The dissertation will be examined both internally and externally in accordance with the NWU regulations.		
Module code: FMSG871	Semester 1 and 2	NQF-Level:8b
Title: Pharmaceutics		
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. 		
Method 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: The dissertation will be examined internally and externally in accordance with the NWU regulations.		
Module code: FLGX871	Semester 1 and 2	NQF-Level: 8b

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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: FLGX873	Semester 1 and 2	NQF-Level: 8a
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. 		
Method of delivery: Full-time – Contact.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: FLGX884	Semester 1 and 2	NQF-Level: 8a
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. 		
Method of delivery: Full-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX885	Semester 1 and 2	NQF-Level: 8a
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. 		
Method of delivery: Full-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX886	Semester 1 and 2	NQF-Level: 8a
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). 		
Method of delivery: Full-time – Contact.		
Assessment methods: One examination per module.		

Module code: FLGX887	Semester 1 and 2	NQF-Level: 8a
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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. 		
Method of delivery: Full-time – Contact.		
Assessment methods: One examination per module.		
Module code: FPHA811	Semester 1 and 2	NQF-Level:8b
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. 		
Method 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: Learners 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:8b
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. 		
Method 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: Learners 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:8b
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. 		

Method of delivery: It is expected from students to complete a research project under the guidance of a supervisor/s.		
Assessment methods: The dissertation will be examined internally and externally in accordance with the NWU regulations.		
Module code: MBWB871	Semester 1 and 2	NQF-Level:8a en b
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 mini-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. 		
Method of delivery: Methods of delivery for modules are full-time/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:8a en b
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, processing, analysing and interpreting of research data; • present a mini-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. 		
Method of delivery: Methods of delivery for modules are full-time/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: MBWS871	Semester 1 and 2	NQF-Level:8a en b
Title: Sport Science practise		
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 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; 		

<ul style="list-style-type: none"> present a mini-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. 		
Method of delivery: : Full time/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: RKKV871	Semester 1 and 2	NQF-Level:8a en b
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, processing, analysing and interpreting of research data; present a mini-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. 		
Method of delivery: : Full time/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: MWKF873	Semester 2	NQF-Level: 8a
Title: Research 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: MWKF876	Semester 1	NQF-Level: 8a
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; and understand the effect of trauma on the child's development and identify dissociation, and understand and interpret its impact on the intervention process. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: MWKF877	Semester 1	NQF-Level: 8a
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKF878	Semester 2	NQF-Level: 8a
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKF879	Semester 2	NQF-Level: 8a
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKF880	Semester 1 and 2	NQF-Level: 8a
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. 		

Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKK873	Semester 1 and 2	NQF-Level: 8a
Title: Mini-dissertation (Social Work – 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. 		
Method of delivery: Full-time / Part-time – Contact / Distance.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: MWKK874	Semester 1	NQF-Level: 8a
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. 		
Method of delivery: Part-time – Contact		
Assessment methods: Evaluation by internal and external examiners.		
Module code: MWKK875	Semester 1	NQF-Level: 8a
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. 		
Method of delivery: Part-time – Contact.		
Assessment methods: Evaluation by internal and external examiners.		
Module code: MWKK876	Semester 2	NQF-Level: 8a
Title: Social Work Intervention in the Field of Child Protection		
Module outcomes: After the completion of the module the student should be able to: <ul style="list-style-type: none"> • identify the need for intervention at macro, meso and micro-level within the field of child protection; • implement relevant intervention strategies at every level; and • develop appropriate prevention services with respect to every level and every group. 		
Method of delivery: Part-time – Contact.		
Assessment methods: Evaluation by internal and external examiners.		
Module code: MWKK877	Semester 2	NQF-Level: 8a
Title: Substitute Care in South Africa		
Module outcomes: After the completion of the module the student should be able to: <ul style="list-style-type: none"> • distinguish, explain and discuss critically the different forms of substitute care; • implement the intervention process with respect to every form of substitute care on the basis of relevant legislation and policy procedures, taking the principle of permanence planning into account; and • evaluate the current practice of every form of substitute care against the background of prevailing circumstances and needs. 		
Method of delivery: Part-time – Contact.		
Assessment methods: Evaluation by internal and external examiners.		

Module code: MWKN871	Semester 1 and 2	NQF-Level: 8a
Title: Dissertation		
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. 		
Method of delivery: Part-time – Contact.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module Code: MWKS873	Semester 1 and 2	NKR-Level: 9a
Title: Mini-dissertation (Play therapy)		
Module outcomes: After the completion of the module the student should be able to: <ul style="list-style-type: none"> to interpret research results and to submit research report and a research submission. 		
Method of delivery: Full / Part time – Contact / Distance.		
Assessment methods: Internal and external evaluation by the NWU policy.		
Module code: MWKS811	Semester 1	NKR-Level: 9a
Title: Basic principles, -theories and philosophy of Gestalt Play Therapy.		
Module outcomes: After the completion of the module the student should be able to: <ul style="list-style-type: none"> Explain a personal understanding of the basic principles, theories and philosophy of Gestalt play therapy, as well as other theoretical approaches within the context of play therapy principles; Integrate and evaluate principles, objects and concepts of the above theories within the South African context; Scientifically collect, analyze, organize, communicate and critically evaluate information related to identity theory within the South African context; Explain and interpret the concept of awareness of self in identity theory within the framework of Gestalt play therapy. 		
Method of delivery: Part time - Contact		
Assessment methods: Evaluation by internal and external examiners Assignments: 15% Interactive participation and experiential learning: 15% Examination: 70%		
Module Code: MWKS875	Semester 1 and 2	NKR-Level: 9a
Title: The therapeutic relationship and process in Gestalt Play Therapy		
Module outcomes: After the completion of the module the student should be able to: <ul style="list-style-type: none"> Critically evaluate information related to existential dialogue as therapeutic relationship in Gestalt theory within the scientific context of play therapy Identify the various concepts associated with existential dialogue as a concept in Gestalt play therapy from the relevant literature; •Explain and describe concepts of existential dialogue and its application in Gestalt play therapy; Collect, analyze, organize, communicate and critically evaluate information about the therapeutic process in play therapy in a scientific way; Identify able to the various concepts relevant to the therapeutic process in play therapy from relevant literature and theoretical content of previous modules; Describe and explain the process of Play therapy. 		
Method of delivery: Part time – Contact.		

Assessment methods: Evaluation by internal and external examiners Assignments: 15% Interactive participation and experiential learning: 15% Examination: 70%		
Module Code: MWKS821	Semester 2	NKR-Level: 9a
Title: Gestalt Play Therapy: Advanced Intervention		
Module outcomes: After the completion of the module the student should be able to: <ul style="list-style-type: none"> Facilitate the Play therapeutic relationship through advanced mediums and techniques of play therapy successfully; Use his/her own assessment guidelines and combinations of forms of play to create and develop various mediums to use within the framework of different theoretical approaches; Develop resources to support the Play Therapist with the problems in the therapy. 		
Method of delivery: Part time - Contact.		
Assessment methods: Evaluation by internal and external examiners Assignments: 15% Interactive participation and experiential learning: 15% Examination: 70%		
Module Code: MWKS877	Semester 2	NKR-Level: 9a
Title: Practice oriented use of Gestalt Play Therapy		
Module outcomes: After the completion of the module the student should be able to: <ul style="list-style-type: none"> Adapt Gestalt play therapy within the framework of an ethical code of conduct on an individual, group and community level through integration of theoretical content; Integrate and evaluate the basic research and SL principles and theories; Establish the value of community engagement and community-based research as scholarship through theory-based research; Implement reflective practices in learning, based on an advanced insight into the value of reflection as a developmental learning practice; Demonstrate the understanding for Mode 1 and Mode 2 research, and a thorough understanding of the principles underlying systematic, community-based research into and through SL and CE; Outline a research topic, formulate a research problem, research question, goals and objectives; choose appropriate design and research methodology, engage in data collection, data analysis, understand ethical aspects of research; Based on the above to compile a research protocol to guide the research process.. 		
Method of delivery: Part time - Contact.		
Assessment methods: Evaluation by internal and external examiners Submission of practical portfolio: 100%		
Module code MWKP873	Semester 1 and 2	NQF level: 9
Title: Mini -dissertation		
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; 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 		
Method of delivery: Contact - full time / part time		
Method of assessment: 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 		
Method of delivery: Contact - full time / part time		
Method of assessment: Written assignments, class activities, group- and individual work as well as a 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 		
Method of delivery: Contact - full time / part time		
Method of assessment: Written assignments, class activities, group- and individual work as well as a formal examination. Assessment for a participation mark is done according to the 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; 		

<ul style="list-style-type: none"> • 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 		
Method of delivery: Contact - full time / part time		
Method of assessment: Written assignments, class activities, group- and individual work as well as 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 		
Method of delivery: Contact - full time / part time		
Method of assessment: Written assignments, class activities, group- and individual work as well as a formal examination. Assessment for a participation mark is done according 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. 		
Method of delivery: Contact - full time / part time		
Method of assessment: Class activities, group- and individual work as well as 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: 7
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 scientific, ethical manner; <ul style="list-style-type: none"> interpret and report research results scientifically; complete the research process by ensuring effective co-operation with other. 		
Method of delivery: Full-time / Part-time – Contact / Distance.		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: PSYC872	Semester 1 and 2	NQF-Level: 7
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. 		
Method of delivery: Full-time / Part-time – Contact / Distance.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code:: PSYK872 / 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. 		
Method of delivery: Fulltime – Contact		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: PSYC874	Semester 1and 2	NQF-Level: 8b
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. 		
Method 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: 8b
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). 		
Method 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: 8b
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. 		
Method 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: 8b
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. 		
Method 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: PSYC878	Semester 1 and 2	NQF-Level: 9
Title: Psigopharmacology, Adult Psychopathology and Neuropsychology		
Module outcomes: After completing this module, learners 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. 		
Method of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYC879	Semester 1 and 2	NQF-Level: 9
Title: Child- and adolescent 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 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, diag- 		

<p>noses and conclusions to either multi-disciplinary teams and lay and professional persons, and make appropriate recommendations for interventions, rehabilitation or referrals;</p> <ul style="list-style-type: none"> Plan and implement appropriate psychological interventions and psychoeducational / parental guidance programmes. 		
Method of delivery: Full time – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYC880	Semester 1 and 2	NQF-Level: 9
Title: Psychological Intervention : Theory		
<p>Module outcomes:</p> <p>After completing this module, learners should be able to:</p> <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. 		
Method of delivery: Full time – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Modulecode: PSYC881	Semester 1 and 2	NQF-Level: 9
Title: Applied Psychological Interventions		
<p>Module outcomes:</p> <p>After completing this module, learners should be able to:</p> <ul style="list-style-type: none"> Apply psychological interventions to people with psychiatric conditions and serious life challenges and design, manage and evaluate programmes dealing with psychiatric problems in diverse settings; 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 interventions with patients with serious life challenges and psychopathology; 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. 		
Method of delivery: Full time – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYC882	Semester 1 and 2	NQF-Level: 9
Title: Professional aspects, Psychodiagnostics and practical work		
<p>Module outcomes:</p> <p>After completing this module, learners should be able to:</p> <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. 		
Method of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work and		

formal examination.		
Module code: PSYV879	Semester 1 and 2	NQF-Level: 8a
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. 		
Method of delivery:	Fulltime – Contact	
Assessment methods:	Written assignments, class activities, group and individual work, as well as formal examination.	
Module code: PSYV881	Semester 1 and 2	NQF-Level: 8a
Title: Applied Counselling and Psychological interventions		
Module outcomes: After completing this module, learners should be able to: <ul style="list-style-type: none"> • Apply basic and in-depth counselling and psychological interventions to relatively well-adjusted people and groups of all age ranges in culturally diverse communities and contexts in dealing with normal problems of life concerning all stages and aspects of a persons' existence in order to prevent psychopathology, promote optimal bio-psycho-social well-being and facilitate desirable adjustment, growth and maturity; • Design, manage and evaluate programmes dealing with developmental and adjustment problems in diverse settings; • 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 interventions with relatively well-adjusted people and groups of all age ranges in culturally diverse communities and contexts in an integrated, effective and ethical responsible manner; • 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. 		
Method 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, learners 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. 		
Method of delivery: Part time – Contact		
Method of assessment:: Essays Report of self-development project in a reflective portfolio Participation in discussions and online-entries		
Module code: PSYP875	Semester 1 and 2	NQF-level: 9
Title: Research methods in Positive Psychology		
Module outcomes: After completing this module, learners 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 		
Method of delivery: Part time – Contact		
Method of assessment:: Formal examination in which learning outcomes are assessed.		
Module code: PSYP876	Semester 1 and 2	NQF-level: 9
Title: Assessment and Basics of Interventions		
Module outcomes: After completing this module, learners 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. 		
Method of delivery: Part time – Contact		
Method of assessment:: Personal and professional development portfolio (5, 000 words equivalent), including: 1. Component 1		

1. A short introduction
2. A description and reflection on the personal use of questionnaires and assessment tools, such as VIA strengths inventory, well-being scales, etc.
3. A critical analysis and evaluation of selected positive psychology assessment tools
4. A summary and reflection on the personal use of a range of interventions, such as 'a gratitude letter' or 'gratitude diary', 'creating a beautiful day', etc
5. A critical analysis and evaluation of the range of interventions developed within positive psychology, drawing on both personal experiential learning and review of research.

2 Component 2

How did you change? A Self-development project (cf. Todd Kashdan; Jonathan Haidt; and Barbara Fredrickson). You must write a paper on a self-enhancement project in which you report on the process and outcome of a process in which you chose to enhance something positive in yourself (build something positive), and on which you constantly worked through the year.

i) Introduction: motivate why you chose the change you chose the specific positive facet to enhance, and what the issues and difficulties were about making this change. Include background literature from the workshop and other readings. Make a convincing case.

ii) Methods: explain the process you went about changing yourself. What strategies and techniques did you use? What is the psychology behind these techniques? How did you set up a measurement procedure? Motivate the applicability of your assessment methods. The tools you select should be sensitive to change.

iii) Results: What happened? You must present more evidence than only your own impressions. For example, a log counting up successes and failures, or reports from 3 friends, or some objective health or behavioural measure might be appropriate. Be creative. Read research studies and see how scientists measure the constructs you are interested in.

iv) Discussion: reflect on what you have learned about self- and life-changes, life satisfaction, meaning in life, different strengths, etc.? Refer to strengths and weaknesses, difficulties of changing the habits and automatic processes, or you might explain why some techniques seemed to be more effective than others. Interpret and integrate, don't just reiterate the results.

Module code: PSYP877	Semester	NQF-level: 9
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Title: Applications in Positive Psychology

Module outcomes:

After completing this module, learners should be able to:

- Demonstrate advanced competence in using various positive psychology measuring instruments ;
- Be able to apply a wide range of positive interventions across personal and professional domains ;
- Able to 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 ;
- Be able to 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

Method of delivery: Part time – Contact

Method of assessment::

Evaluation of assignments with the following instructions:

Individual assignment: Apply principles, theories and strategies from positive psychology / psychofortology in a simulated clinical/work related context. Select a theory and develop a practical application from it. Describe the intervention, evaluation of its outcome and write a report on it (3-5 pages – for examination purposes). Indicate how you implemented and evaluated the effectiveness of the intervention. You will do a presentation of approximately 10 minutes to the group and must have a handout of 1-3 pages for each group member. It is important that you should reflect on and explicitly also note in your report what you have learned in this process.

Sub-group assignment: Form small groups (name members), select a community context or target group, develop an application / intervention to enhance their quality of life and well-being. Describe the conceptual background, the intervention / strategies, outcome of evaluation, and your experience of this process. Make sure that you also indicate what you have done in this project, and what you have learned in this process. Reports are done individually, and must be approximately 5 pages –

for examination purposes. Structure your task reports properly (e.g. demographic information, info on 'client' and context, your aim, background theories used, your programme /plan, method of implementation – indicate your part, results, evaluation of the effect of the intervention, what you have learned, reference list - APA)		
Module code: PSYP878	Semester 1 and 2	NQF-level: 9
Title: Advanced Positive Psychology		
Module outcomes: After completing this module, learners 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 		
Method of delivery: Part time – Contact		
Method of assessment:: Component 1: Literature review with critical evaluation of an area of interest (3 000 words) Component 2: Conceptual representation of another facet of PP in a 15-minute mini-lecture		
Module code: PSYP872	Semester 1 and 2	NQF-level: 9
Title: Research Dissertation in Positive Psychology		
Module outcomes: After completing this module, learners 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) 		
Method of delivery: Part time – Contact		
Method of assessment:: Examined by one internal and two external examiners.		
Module code: VERB871	Semester 1 en 2	NQF level: 8a
Title: Dissertation (Consumer Sciences)		
Module outcomes: After completing this module, learners 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		
Method of delivery: Full-time / Part-time – Contact		
Method of assessment: Internal and external evaluation according to NWU policy..		
Module code: VERB873	Semester 1 and 2	NQF-Level: 8a
Title: Mini-dissertation (Consumer Sciences)		
Module outcomes: After completing this module you should have the following skills at your disposal: <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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VERB876	Semester 1 and 2	NQF-Level: 8b
Title: Consumer Behaviour and Research Methodology		
b) Module outcomes: c) Upon completion of this module the student should have: <ul style="list-style-type: none"> An extended and systematic knowledge of the field of consumer sciences with specialist knowledge of research methodology and consumer behaviour, as well as the professional practise of research methodology; Coherent and critical insight into the theory, research methodologies and techniques of consumer behaviour research; the ability to offer principled criticism, evaluate ongoing research, and participate in academic 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; The ability to present and communicate either literature-based or empirical research results to specialist or lay audiences, by using professional academic discourse. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Title: VGHB874	Semester 1 and 2	NQF-Level: 7
Title: Advanced Consumer Resource Management		
Module outcomes: Upon completion of this module the student should have: <ul style="list-style-type: none"> extended and systematic knowledge of consumer resource management, with specialist knowledge of the consumers' needs; the ability to offer principled criticism, evaluate ongoing research, and participate in academic debate; and also the ability to link theory to practice and vice versa, and to think 		

epistemologically; <ul style="list-style-type: none"> 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 literature to specialist and lay audiences, in the format of professional academic discourse. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VKLE874	Semester 1 and 2	NQF-Level: 8a
Title: Advanced textiles		
Module outcomes: Upon completion of this module the student should: <ul style="list-style-type: none"> have an extended and systematic knowledge of textiles, with specialist knowledge of the development of textiles as well as certain focus areas; have the ability to offer principled criticism, evaluate ongoing research, and participate in academic debate; the ability to link theory to practice and vice versa, and to think epistemologically; have 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; have 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 have the ability to present literature and communicate it to specialist and lay audiences, by utilising professional academic discourse. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VKLE878	Semester 1 and 2	NQF-Level: 8a
Title: Specialised Fashion Industry		
d) Module outcomes: e) Upon completion of this module the student should: <ul style="list-style-type: none"> have an extended and systematic knowledge of the fashion industry, with specialist knowledge of the consumers' needs; have the ability to offer principled criticism, evaluate ongoing research, and participate in academic debate; the ability to link theory to practice and vice versa, and to think epistemologically; have 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; have 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 have the ability to present literature and communicate it to specialist and lay audiences, by utilising professional academic discourse. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VVDL874	Semester 1 and 2	NQF-Level: 8a
Title: Advanced Food		
f) Module outcomes: g) Upon completion of this module the student should: <ul style="list-style-type: none"> have an extended and systematic knowledge of food, with specialist knowledge of relevant international food-related trends; be able to show coherent and critical insight into the field of applied food through the ability to offer principled criticism on the various areas in order to wage an academic debate on these; have the ability to identify, analyse and address the complexity of the problem as presented in 		

<p>the assignment, and the relevant problems and questions on South Africa (or Sub Saharan Africa) by the creative and systematic utilising of theory, research methods and literature;</p> <ul style="list-style-type: none"> show the ability to present and communicate either literature-based or empirical research results to specialist or lay audiences; and integrate sources analytically and critically; be able to motivate and justify his/her own point of view, and evaluate that of others. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VOED871	Semester 1 and 2	NQF-Level: 8b
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		
Module code: VOED873	Semester 1 and 2	NQF-Level: 8a
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; 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 and write a dissertation on the basis of these findings which comply to the standards of professional academic writing. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Internal and external examination according to the NWU policy.		
Module code: VOED874	Semester 1 and 2	NQF-Level: 8a
Title: Community 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; 		

<ul style="list-style-type: none"> 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Written and practical assignments, PowerPoint presentations, written exams (semester test as well as examination).		
Module code: VOED875	Semester 1 and 2	NQF-Level: 8a
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Written and practical assignments, PowerPoint presentations, written exams (semester test as well as examination).		
Module code: VOED876	Semester 1 and 2	NQF-Level: 8a
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 ergogenics 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Written and practical assignments, PowerPoint presentations, written exams (semester test as well as examination).		
Module code: VOED880	Semester 1 and 2	NQF-Level: 8a
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		
Module code: VOED882	Semester 1 and 2	NQF-Level: 8a
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 in Building G16. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		

Module code: VPBV872	Semester 1 and 2	NQF-Level: 8b
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. 		
Method of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VPGV872	Semester 1 and 2	NQF-Level: 8b
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 the promotion, maintenance and restoration of the quality of life of a person, family and/or community by means of a community centred-, culture sensitive approach. 		
Method of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VPKN874	Semester 1 and 2	NQF-Level: 8b
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. 		
Method of delivery: Contact .		
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: 8b
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. 		
Method of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VPOV872	Semester 1 and 2	NQF-Level: 8b
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. 		
Method of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: Internal and external evaluation according to NWU policy.		

Module code: VPVV872	Semester 1 and 2	NQF-Level: 8b
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. 		
Method of delivery: Research under guidance of a study leader supported by the 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: 8c
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		
Module code: FCHG971	Semester 1 and 2	NQF-Level:8c
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. 		
Method of delivery: Full-time / part-time – Completion of a research project under the guidance of a supervisor.		
Assessment methods: The dissertation will be examined internally and externally in accordance with the NWU regulations.		
Module code: FMSG971	Semester 1 and 2	NQF-Level:8c
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. 		
Method of delivery: Full-time / part-time – Completion of a research project under the guidance of a supervisor.		
Assessment methods: The dissertation will be examinedh internally and externally in accordance with the NWU regulations.		

Module code: FKL971	Semester 1 and 2	NQF-Level:8c
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. 		
Method of delivery: Full-time / part-time – Completion of a research project under the guidance of a supervisor.		
Assessment methods: The dissertation will be examined internally and externally in accordance with the NWU regulations.		
Module code: FPG971	Semester 1 and 2	NQF-Level:8c
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. 		
Method of delivery: Full time/part time - contact – It is expected from students to complete a research project under supervision of a supervisor(s).		
Assessment methods: The thesis is examined both internally and externally according to the regulations of the NWU.		
Module code: FLGB971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: FLGX971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery: Full-time – Contact.		
Assessment methods: Evaluation by two external examiners and one internal examiner.		

Module code: MBWK971	Semester 1 and 2	NQF-Level:8c
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 dissertation 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. 		
Method of delivery: Full-time 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: 8c
Title: Thesis (Social Work)		
Module outcomes: <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. 		
Method of delivery: Full-time and Part-time.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: PSYC971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery: Full-time / Part-time – Contact / Distance.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: RKKX971	Semester 1 and 2	NQF-Level:8c
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; 		

<ul style="list-style-type: none"> • 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 dissertation 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. 		
Method of delivery: Full-time/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: 8c
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 personal knowledge basis and by exposing research to peer evaluation; • 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. 		
Method of delivery: Full-time – Contact.		
Assessment methods: Evaluation by two external examiners and one internal examiner.		
Module code: VOED971	Semester 1 and 2	NQF-Level: 8c
Title: Thesis (Nutrition)		
h) Module outcomes: i) 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. 		
Method of delivery: Full-time / Part-time – Contact.		
Assessment methods: External and internal examining according to NWU policy.		
Module code: VPBP971	Semester 1 and 2	NQF-Level: 8c
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; 		

<ul style="list-style-type: none"> • maintain specialized professional excellence by means of life-long learning; and • initiate and maintain networks on a national- and international level. 		
Method of delivery:		
Research under guidance of a study leader supported by the research committee.		
Assessment methods:		
The thesis is examined by internal and external examiners according to the Rules of the NWU.		
Module code: VPEP971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery:		
Research under guidance of a study leader supported by the research committee.		
Assessment methods:		
The thesis is examined by internal and external examiners according to the Rules of the NWU.		
Module code: VPGP971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery:		
Research under guidance of a study leader supported by the research committee.		
Assessment methods:		
The thesis is examined by internal and external examiners according to the Rules of the NWU.		
Module code: VPOP971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery:		
Research under guidance of a study leader supported by the research committee.		
Assessment methods:		
The thesis is examined by internal and external examiners according to the Rules of the NWU.		

Module code: VPPP971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: The thesis is examined by internal and external examiners according to the Rules of the NWU.		
Module code: VPVP971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: The thesis is examined by internal and external examiners according to the Rules of the NWU.		
Module code: VPVV971	Semester 1 and 2	NQF-Level: 8c
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. 		
Method of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: The thesis is examined by internal and external examiners according to the Rules of the NWU.		

G.2.4 POST GRADUATE DIPLOMAS

Module code: FKLT531	Semester 1	NQR-Level:8
Title: Principles of Pharmacokinetics		
Module Outcomes: After successful completion of this module, the learner should be able to: <ul style="list-style-type: none"> • demonstrate an understanding of the basic pharmacokinetic principles and the ability do some calculations; • know the factors influencing the absorption, distribution, metabolism and excretion of drugs; • participate in all discussions; and • demonstrate an ability to apply sound ethical principles in all endeavours. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		
Module code: FKLT532	Semester 1	NQR-Level:8
Title: Principles of Pharmacodynamics		
Module Outcomes: After successful completion of this module, the learner should be able to: <ul style="list-style-type: none"> • apply pharmacodynamic principles to assess the impact of drugs on a patient; • assess drug actions from pharmacodynamic parameters; • assess beforehand whether or not a certain combination of drugs is desirable; • interpret and evaluate in vitro and in vivo experimental findings; • apply the principles of linear drug-receptor interactions to the complicated non-linear drug-receptor interactions; • show a thorough knowledge of the various drug-receptor interactions of agonists and antagonists; and • participate in partner and group discussion. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		
Module code: FKLT533	Semester 1	NQR-Level:8
Title: Drugs for Pain, Inflammation, Fever and Airway Diseases		
Module Outcomes: After successful completion of this module and in the treatment of disorders (e.g. pain and inflammation, obstructive pulmonary and other respiratory disorders) in which autacoids are predominantly involved, the learner should be able to: <ul style="list-style-type: none"> • portray a full classification of the drugs in this regard; • demonstrate awareness of all effects in the application of these drugs; • reflect a thorough knowledge and understanding of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • explain drug interactions together with indications and contra-indications of specific drug treatment; 		

<ul style="list-style-type: none"> • analyse and evaluate treatment scenarios and propose rational alternatives; • show a patient-oriented approach in advising patients on effective drug use; • demonstrate the ability to retrieve the latest information on drugs for treating these disorders; • participate in peer and group discussions; and • apply social and ethical codes in drug selection and administration. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		
Module code: FKLT541	Semester 1	NQR-Level:8
Title: Drugs and the Pheripheral Nervous System		
Module Outcomes: After successful completion of this module, the learner should be able to: <ul style="list-style-type: none"> • portray a full classification of drugs acting in the peripheral nervous system; • demonstrate awareness of the therapeutic applications of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • explain drug interactions together with selected indications and contra-indications of drug treatment; • reveal the ability to retrieve the latest information on drugs for treating the appropriate disease states; • participate in group discussions; and • demonstrate the application of a social and ethical code in drug selection. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		
Module code: FKLT542	Semester 1	NQR-Level:8
Title: Chemotherapy of Infections and Infestations		
Module Outcomes: After successful completion of this module and in the treatment of various infectious disease states with anti-microbial drugs, the learner should: <ul style="list-style-type: none"> • be able to portray a full classification of drug prototypes used in the treatment of infectious diseases; • be able to select an appropriate treatment; • demonstrate satisfactory knowledge of the clinically important pharmacological mechanisms and pharmacokinetics of antimicrobial drugs; • be able to explain clinically important indications, contra-indications and drug interactions; • be able to analyse and evaluate treatment scenarios, and to propose responsible alternatives to obvious cases of misuse of drugs; • illustrate an ability to solve case studies; • demonstrate a patient-directed approach and an ability to advise patients regarding effective anti-infective drug use in view of the global increase in microbial drug resistance; • reveal an understanding of the need to remain informed about infection control and 		

<p>treatment in an ever changing microbiological environment;</p> <ul style="list-style-type: none"> • be able to participate in group discussions; and • be able to apply a social and ethical code in drug selection. 		
Method of Delivery: Open distance learning		
<p>Assessment Methods:</p> <p>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 learner 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 post graduate diploma.</p>		
Module code: FKLT551	Semester 2	NQR-Level:8
Title: Drugs and the Central Nervous System		
<p>Module Outcomes:</p> <p>In the treatment of disorders of the central nervous system with drugs affecting central neurotransmission and receptor function you should:</p> <ul style="list-style-type: none"> • be able to portray a full classification of the drugs in this regard; • be aware of all effects in the application of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • be able to explain drug interactions together with indications and contra-indications of specific drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational alternatives; • show a patient-directed (oriented) approach in advising patients of the effective drug use; • demonstrate the ability to retrieve the latest information on drugs for treating various central nervous system disorders; • be able to participate in discussions; and • be able to apply social and ethical codes in drug selection and administration. 		
Method of Delivery: Open distance learning		
<p>Assessment Methods:</p> <p>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 learner 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 post graduate diploma.</p>		
Module code: FKLT552	Semester 2	NQR-Level:8
Title: Hormones, Hormonoids and Hormone Antagonists		
<p>Module Outcomes:</p> <p>After successful completion of this module, you should be able to:</p> <ul style="list-style-type: none"> • portray a full classification of releasing factors, trophic hormones and peripheral hormones, and indicate their sites of release and action, respectively; • name appropriate examples of drugs that act through modulation of hormonal action, be it as an agonist or antagonist; • name and explain the physiological actions of the various hormones, and be able to discuss the therapeutic effects and clinically important side-effects/toxicity of hormone-active drugs (distinguish between direct and indirect effects); • discuss the mechanisms whereby the various classes of hormones exert their physiological effects, and to discuss the pharmacological effects (see bullet 2) of the hormone-active drugs that act on these particular endocrine systems (distinguish receptor mechanism, cellular mechanism, neural mechanism, hemodynamic mechanism, systematic mechanism, etc.); • name and also motivate the indications and contra-indications of the hormone-active 		

<p>drugs from the pharmacodynamic and -kinetic parameters of these drugs or drug groups under discussion;</p> <ul style="list-style-type: none"> • name and motivate the clinically important drug-drug interaction(s) from the pharmacodynamics and -kinetics of the specific hormone-active drug(s) or drug group(s) under discussion; • scientifically analyse and evaluate given treatment scenarios for a specific patient (case studies) and propose possible alternatives; • discuss and motivate the relevant points of patient advice with regard to using hormone-active drugs; • demonstrate a patient-directed approach with regard to the appropriate pharmacotherapy; • retrieve and evaluate the latest information on this subject independently and when directed to, by means of information technology, including CD-ROM and the Internet; • communicate with colleagues individually, and in groups regarding the topics under discussion; and • discuss the social-ethical implications of the specific hormone-active drug treatment regimes. 		
Method of Delivery: Open distance learning		
<p>Assessment Methods:</p> <p>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 learner 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 post graduate diploma.</p>		
Module code: FKLT561	Semester 2	NQR-Level:8
Title: Drugs and the Cardiovascular System		
<p>Module Outcomes:</p> <p>In the treatment of various cardiovascular disease states with drugs that affect renal and cardiovascular functioning you should:</p> <ul style="list-style-type: none"> • be able to portray a full classification of the drugs in this regard; • be aware of all effects in the application of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • be able to explain drug interactions together with indications and contra-indications of drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational (responsible) alternatives; • reveal a patient-directed approach in advising patients of the effective use of drugs; • reveal the ability to retrieve the latest information on drugs for treating various cardiovascular disease states; • be able to participate in group discussions; and • Be able to apply the social and ethical code in drug selection. 		
Methods of Delivery: Open distance learning		
<p>Assessment Methods:</p> <p>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 learner 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 post graduate diploma.</p>		

Module code: FKLT562	Semester 2	NQR-Level:8
Title: Drugs for GIT and Skin Disorders		
Module Outcomes: After successful completion of this module, you should be able to: <ul style="list-style-type: none"> • be able to portray a full classification of the drugs in this regard; • be aware of all effects in the application of these drugs; • reflect a thorough knowledge of the pharmacological mechanisms of action and pharmacokinetics of these drugs; • be able to explain drug interactions together with indications and contra-indications of drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational (responsible) alternatives; • reveal a patient-directed approach in advising patients of the effective use of drugs; • reveal the ability to retrieve the latest information on drugs for treating various cardiovascular disease states; • be able to participate in group discussions; and • be able to apply the social and ethical code in drug selection. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		
Module code: FKLT563	Semester 2	NQR-Level:8
Title: Vitamins, Haematopoetics and Immunopharmacology		
Module Outcomes: In the drug treatment of cancer, the various indicated disease states that result from vitamin and mineral deficiencies, disorders pertaining to the blood forming organs, and disorders of the neuroimmune system, you should: <ul style="list-style-type: none"> • be able to portray a classification of the full range of drugs featuring in the module; • reflect a thorough knowledge of the relevant underlying pharmacological concepts including pharmacological action mechanisms, effects, and pharmacokinetics; • be able to explain clinically important drug interactions together with indications and contra-indications of drug treatment; • be able to analyse and evaluate treatment scenarios and propose rational (responsible) alternatives; • reveal a patient-directed approach in advising patients on the effective use of the drugs; • reveal the ability to retrieve the latest information on drugs for treating the various disease states; • be able to participate in group discussions; and • be able to apply the social and ethical code in drug selection. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		

Module code: FKLT564	Semester 2	NQR-Level:8
Title: Advanced Pharmacological Principles		
Module Outcomes: The topics discussed in this module are relevant for all the different fields of pharmacology. At the end of this module you should: <ul style="list-style-type: none"> • be able to explain the different drug interactions and the clinical significance; • be able to use clinical pharmacokinetic principles to predict an appropriate dosing schedule; • be able to use the principles of chronopharmacology to enhance therapy in patients; • be able to discuss gene therapy with other health workers; • be able to participate in group discussions; and • be able to apply the social and ethical code in drug selection. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		
Module code: FKLT571	Semester 2	NQR-Level:8
Title: Integrated Pharmacology		
Module Outcomes: The programme outcomes states that successful completion of the Honours B.Sc. Programme in Pharmacology 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 13) you should be able to demonstrate: <ul style="list-style-type: none"> • knowledge and insight into the dynamics and kinetics and interactions between drugs; • an ability to compile individualised pharmacotherapeutic approaches , based on your pharmacological knowledge, insights and an appropriate ethical value system. These knowledge, skills and values will be evaluated with regard to all topics of the preceding modules including your ability to: <ul style="list-style-type: none"> • portray a full classification of all drugs; • demonstrate awareness of all effects in the application of all drugs; • reflect a thorough knowledge and understanding of the pharmacological mechanisms of action and pharmacokinetics of all drugs; • explain drug interactions together with indications and contra-indications of specific drug treatments; • analyse and evaluate treatment scenarios and propose rational alternatives; • show a patient-oriented approach in advising patients on effective drug use; • demonstrate the ability to retrieve the latest information on drugs for treating various disorders; • participate in a discussion (oral examination); and • apply social and ethical codes in drug selection and administration. 		
Method of Delivery: Open 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 learner 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 post graduate diploma.		

Module code: VPK574	Semester 1	NKR-level: 7
Title: The Advanced Midwife as Practitioner, Leader and Consultant		
Module-outcome: 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. 		
Method of delivery: Part time – Contact on Potchefstroom Campus.		
Assessment methods: Assignments, tests and examination paper		
Module code: VPK575	Semester 1 and 2	NKR- level: 7
Title: The Advanced Midwife as Clinician in ante-, intra- and postpartum 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; and implement, evaluate and document holistic family-centred advanced midwifery care, during the ante-, intra- and postpartum period. 		
Method of delivery: Part time – Contact on Potchefstroom Campus.		
Assessment methods: Assignments, tests and examination paper.		
Module code: VPK576	Semester 2	NKR- level: 7
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. 		
Method of delivery: Part time – Contact on Potchefstroom Campus.		
Assessment methods: Assignments, tests and examination paper.		
Module code: VPK584	Semester 1 and 2	NKR- level: 7
Title: Advanced Midwifery and Neonatal Nursing Practica		
Module-outcome: 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. 		
Method 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	NKR- level: 6
Title: Grounding of Community Nursing Science		
Module-outcome: <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 The development, organisation, functioning and control of community health services in international and national health systems. 		

Method of delivery: Open distance learning - 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	NKR- level: 6
Title: Principles of Primary Health Care		
Module-outcome: c) 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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSCT271	Semester 1 and 2	NKR- level: 6
Title: Community Nursing Science Practice		
Module-outcome: 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. 		
Method of delivery: Open distance learning - Completion of a portfolio and clinical practica –hours (SANC) according to guidelines and instruction.		
Assessment methods: Portfolio.		
Module code: NSDT111	Semester 1	NKR- level: 5
Title: Health Science Dynamics		
Module-outcome: 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; participate effectively as a health practitioner in the multi-disciplinary team. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests, portfolio and examination paper.		
Module code: NSET111	Semester 1	NKR- level: 5
Title: Health Science Education: Introduction		
Module-outcome: 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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		

Module code: NSET211	Semester 1	NKR- level: 6
Title: Curriculum Studies		
Module-outcome: 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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSET221	Semester 2	NKR- level: 6
Title: Didactics		
Module-outcome: 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). 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSET271	Semester 1 and 2	NKR- level: 6
Title: Health Science Education: Practica		
Module-outcome: 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. 		
Method of delivery: Open distance learning - Completion of a portfolio according to guidelines and instruction.		
Assessment methods: Portfolio.		
Module code: NSFT121	Semester 2	NKR- level: 5
Title: Financial Health Management		
Module-outcome: 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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSHT211	Semester 1	NKR- level: 6
Title: Clinical Nursing Science, Health Assessment, Treatment And Care: Introduction		
Module-outcome: j) 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. 		
Method of delivery: Open distance learning.		
Assessment methods: One examination paper.		

Module code: NSHT221	Semester 2	NKR- level:
Title: Clinical Nursing Science, Health Assessment, Treatment And Care		
Module-outcome:		
k) 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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSHT271	Semester 1 and 2	NKR- level: 6
Title: Clinical Nursing Science, Health Assessment, Treatment And Care: Practica		
Module-outcome:		
l) 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. 		
Method of delivery:		
Open distance learning - 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	NKR- level: 6
Title: Pharmacology		
Module-outcome:		
m) 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; operationalisation 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. 		
Method of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSMT211	Semester 1	NKR- level: 6
Title: Unit/Clinic Management		
Module-outcome:		
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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSMT221	Semester 2	NKR- level: 6
Title: Human Resources Management		
Module-outcome:		
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; 		

<ul style="list-style-type: none"> • 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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSMT271	Semester 1 and 2	NKR- level: 6
Title: Health Service Management Practica		
Module-outcome: n) 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 quality control used in the clinic/hospital/unit; provide a schematic outline of a personnel development programme; and • discuss the role of the Health Service Manager in the clinic/hospital/unit with regard to the finances and personnel/staff/manpower. 		
Method of delivery: Completion of portfolio according to guidelines and instruction.		
Assessment methods: Portfolio.		
Module code: NSRT121	Semester 2	NKR- level: 5
Title: Health Science Research		
Module-outcome: o) 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. 		
Method of delivery Open distance learning - 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	NQR-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. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass the first opportunity.		
Module code: BSKT221	Semester 2	NQR-Level:7
Title: Pharmaceutical Management III: Industrial 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. 		
Method of delivery: Open distance learning.		
Assessment methods: Learners must write an exam. A second exam opportunity is available if a learner did not pass.		
Module code: OBAD112	Semester 1	NKR- level: 5
Title: Introduction To Public Management		
Module-outcome: p) 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. 		
Method of delivery: Open distance learning - Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		

Module code: STTN111	Semester 1	NQF-Level: 7
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, <i>least-squares line fitting</i>, 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, <i>least-squares line fitting</i>, 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. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: STTN124	Semester 1	NQF-Level: 7
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 <i>least-squares line fitting</i>, 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. 		
Method of delivery: Contact teaching – only full-time.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		

G.3 LIST OF MODULES

Module code	Descriptive name	Credits
BSKT221	Pharmaceutical Management III: Industrial Psychology	16
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 II	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
CLNP873	Mini-dissertation	64
DIET971	Thesis (Dietetics)	360
FCHG871	Dissertation: Pharmaceutical Chemistry	180
FCHG971	Thesis: Pharmaceutical Chemistry	360
FKLG871	Dissertation: Pharmacology	180
FKLG971	Thesis: Pharmacology	360
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, Hormonoids and Hormone Antagonists	16
FKLT561	Drugs and the Cardiovascular System	16
FKLT562	Drugs for GIT and Skin Disorders	8
FKLT563	Vitamins, Haematopoetics and Immunopharmacology	8
FKLT564	Advanced Pharmacological Principles	8
FKLT571	Integrated Pharmacology	8
FKLT631	Principles of Pharmacokinetics	8
FKLT632	Principles of Pharmacodynamics	16
FKLT633	Drugs for Pain, Inflammation, Fever and Airway Diseases	16
FKLT641	Drugs and the Peripheral Nervous System	8
FKLT642	Chemotherapy of Infections and Infestations	16
FKLT651	Drugs and the Central Nervous System	16
FKLT652	Hormones, Hormonoids and Hormone Antagonists	16
FKLT661	Drugs and the Cardiovascular System	16
FKLT662	Drugs for GIT and Skin Disorders	8
FKLT663	Vitamins, Haematopoetics and Immunopharmacology	8
FKLT664	Advanced Pharmacological Principles	8
FKLT665	Evidence-based Medicine	8
FKLT671	Integrated Pharmacology	8
FLGB971	Thesis : Occupational Hygiene	384
FLGX612	Cardiovascular Physiology A	16
FLGX613	Neurophysiology	16
FLGX615	Research Methodology (Physiology)	8

Module code	Descriptive name	Credits
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
FLGX871	Dissertation (Physiology)	192
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
FLGX971	Thesis (Physiology)	384
FMA613	Biopharmaceutics	16
FMSG871	Dissertation: Pharmaceutics	180
FMSG971	Thesis: Pharmaceutics	360
FPHA611	Introduction to Pharmaco-Economics	16
FPHA612	Managed Pharmaceutical Care	16
FPHA613	Disease Management and Drug utilisation review	16
FPHA621	Pharmacotherapy I	16
FPHA622	Pharmacotherapy II	16
FPHA623	Pharmaco-epidemiology	16
FPHA624	Legislation and Quality Control	16
FPHA625	Medicines Supply Systems	16
FPHA811	Applied Pharmaco-economics	16
FPHA812	Applied Pharmaco-epidemiology	16
FPHA872	Dissertation (Pharmacy Practice)	148
FPKG971	Thesis: Pharmacy Practice	360
MBWB681	Biokinetics: Orthopedics	32
MBWB682	Biokinetics: Clinical	32
MBWB683	Biokinetics: Theory / Health	32
MBWB684	Biokinetics: Professional Internship	32
MBWB871	Dissertation: Biokinetics	180
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
MBWK871	Dissertation: Kinderkinetics	180
MBWK971	Thesis: Human Movement Sciences	360
MBWS682	Applied Sport Physiology	32
MBWS683	Applied Biomechanics	16
MBWS684	Applied Sport Psychology	16
MBWS685	Sport Science Internship	24
MBWS686	Sport Science Practice	24
MBWS871	Dissertation: Sport Science	180
MWKF873	Research Dissertation (Social Work – Forensic Practice)	60

Module code	Descriptive name	Credits
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
MWKK873	Mini-dissertation (Social Work – Child Protection)	60
MWKK874	Child Protection as Field of Service	20
MWKK875	Children as a Vulnerable Group	20
MWKK876	Social Work Intervention in the Field of Child Protection	24
MWKK877	Substitute Care in South Africa	24
MWKN 871	Dissertation Social Work	180
MWKN971	Thesis: Social Work	360
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
MWKP873	Mini-dissertation (Play therapy)	60
MWKP880	Research Theory and community engagement	32
MWKS811	Basic principles, -theories and philosophy of Gestalt Play Therapy	20
MWKS821	Gestalt Play Therapy: Advanced Intervention	16
MWKS873	Mini-dissertation	60
MWKS875	The therapeutic relationship and process in Gestalt Play Therapy	20
MWKS877	Practice oriented use of Gestalt Play Therapy	32
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
PSYC671	Psychometrics	8
PSYC672	Psychological Evaluation	16

Module code	Descriptive name	Credits
PSYC673	Applied Positive Psychology	16
PSYC674	Research Psychology	16
PSYC675	Intervention Techniques	16
PSYC676	Theoretical Perspectives on the Helping Relationship	16
PSYC677	Community Psychology	16
PSYC678	Psychopathology	16
PSYC679	Ethics and Professional Conduct	8
PSYC681	Facilitation of Community Wellness	16
PSYC871	Dissertation (Psychology)	180
PSYC872	Dissertation (Research Psychology)	116
PSYC874	Critical Research Skills	16
PSYC875	Quantitative Research Methods	16
PSYC876	Qualitative Research Methods	16
PSYC877	Project Management	16
PSYC878	Psigopharmacology, Adult Psychopathology and Neuropsychology	20
PSYC879	Child- and adolescent pathology and therapy	20
PSYC880	Psychological Intervention : Theory	20
PSYC881	Applied Psychological Interventions	20
PSYC882	Professional aspects, Psychodiagnostics and practical work	20
PSYC971	Thesis: Psychology	360
PSYK872	Research theory and Dissertation (Clinical Psychology)	100
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
PSYV872	Research theory and Dissertation (Counseling Psychology)	100
PSYV879	Child- and adolescent development, pathology and therapy	20
PSYV881	Applied Counselling and Psychological interventions	20
RKKV871	Dissertation: Recreation Sciences	180
RKKX673	Recreation Management	16
RKKX677	Therapeutic Recreation	24
RKKX678	Advanced Facilitation	16
RKKX679	Leisure Programming	16
RKKX681	Applied Recreation Management	24
RKKX971	Thesis: Recreation Sciences	360
VERB871	Dissertation (Consumer Sciences)	184
VERB873	Mini-dissertation (Consumer Sciences)	96
VERB876	Consumer Behaviour and Research Methodology	40
VERB971	Thesis: Consumer Sciences	360
VGHB671	Housing and Community Development	24
VGHB672	Consumer Resource Management	24
VGHB673	Interior Design	24
VGHB874	Advanced Consumer Resource Management	48
VKLE671	Specialised Textile Studies	24

Module code	Descriptive name	Credits
VKLE672	Advanced Fashion Industry	24
VKLE874	Advanced textiles	48
VKLE878	Specialised Fashion Industry	48
VNAM671	Consumer Research Methods and Scientific Writing	24
VNAV671	Research Project – Research Report - Presentation	32
VOED676	Nutrigenetics	16
VOED677	Nutrition Epidemiology	16
VOED678	Research report	32
VOED679	Nutrition at public health level	32
VOED680	Advanced Nutrition	32
VOED681	Sport Nutrition	32
VOED871	Dissertation (Dietetics/Nutrition)	192
VOED873	Mini-dissertation (Dietetics)	96
VOED874	Community 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
VOED971	Thesis (Nutrition)	360
VPBP971	Thesis: (Health Sciences Management)	360
VPBV872	Dissertation (Health Science Management)	152
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
VPEP971	Thesis: (Psychiatric Community Nursing)	360
VPES873	Mini-dissertation: Psychiatric Nursing Science	112
VPGP971	Thesis: (Community Nursing Science)	360
VPGV872	Dissertation (Community Nursing Science)	152
VPKN874	Research Methodology	32
VPKV872	Dissertation (Professional Nursing Science)	152
VPOP971	Thesis: (Health Science Education)	360
VPOV872	Dissertation (Health Science Education)	152
VPPP971	Thesis: (Professional Nursing Science)	360
VPVK574	Advanced midwife as practitioner, leader & consultant	16
VPVK575	The advanced midwife as clinician in ante-, intra- and postpartum context	32
VPVK576	Advanced midwife as clinician in neonatal context	16
VPVK874	The specialist midwifery as practitioner, leader and consultant	16
VPVK875	The specialist midwife as clinician in ante-, intra- and postpartum context	32
VPVK876	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
VPVP971	Thesis: (Midwifery and Neonatal Nursing Science)	360
VPVS873	Dissertation: Midwifery and Neonatal Nursing Science	112
VPVV872	Dissertation (Nursing Science)	152

Module code	Descriptive name	Credits
VPVV971	Thesis: (Nursing Science)	360
VVBG671	Consumer Behaviour	16
VVDL672	Food Product Development	24
VVDL673	Consumer Behaviour in Food	24
VVDL874	Advanced Food	48
VVOO671	Adult Education and Training	16

G.3.1 ADDITIONAL MODULES

Module code	Descriptive name	Credits
BSKT111	Introduction to Psychology in Work Context	16
BSKT221	Personnel Psychology	16
IOPS311	Organisation Psychology	16
OBAD112	Introduction to Public Management	16
STTN111	Descriptive statistics	12
STTN124	Practical statistics	12