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

POTCHEFSTROOM CAMPUS

HEALTH SCIENCES

UNDERGRADUATE PROGRAMMES

CALENDAR 2016

FACULTY OF HEALTH SCIENCES
UNDERGRADUATE

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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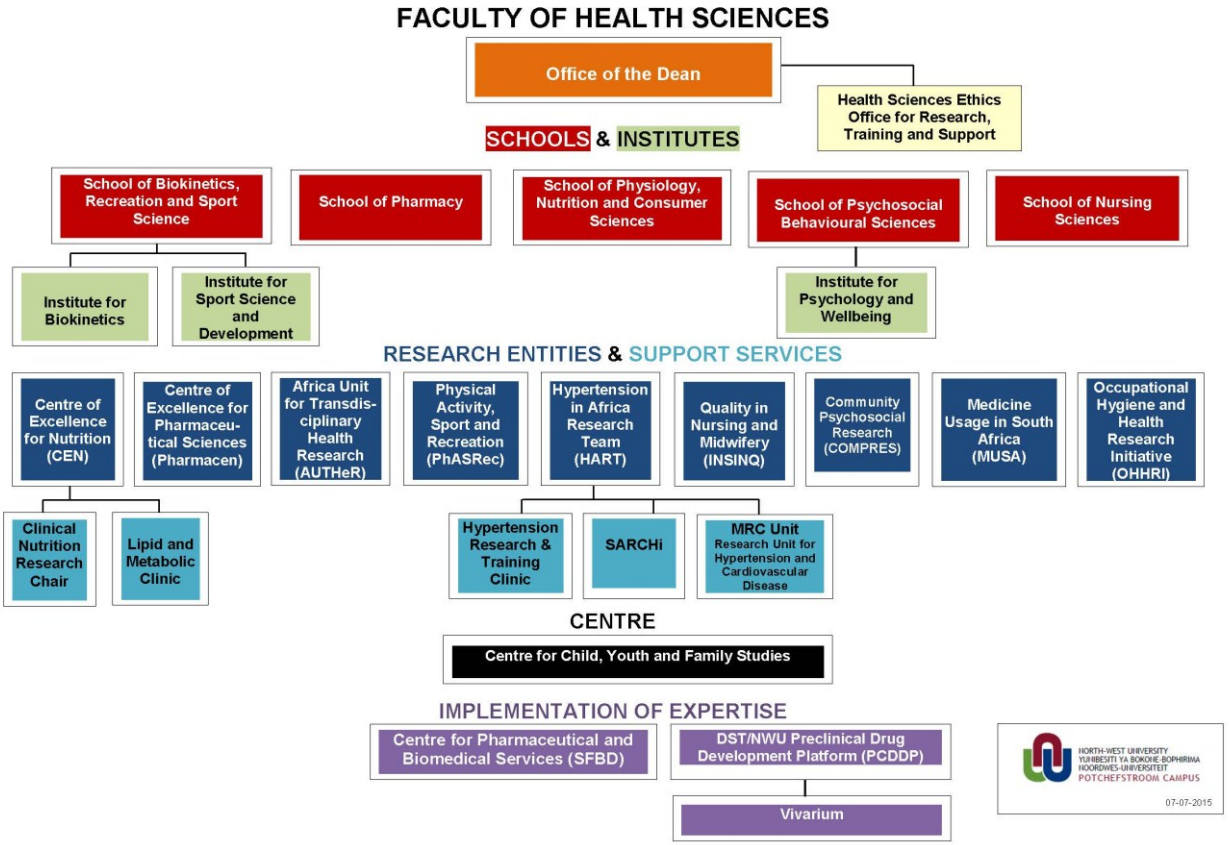
FACULTY OF HEALTH SCIENCES
Office of the Dean
Health Sciences Ethics Office for Research, Training and Support
SCHOOLS & INSTITUTES
School of Biokinetics, Recreation and Sport Science
School of Pharmacy
School of Physiology, Nutrition and Consumer Sciences
School of Psychosocial Behavioural Sciences
School of Nursing Sciences
Institute for Biokinetics
Institute for Sport Science and Development
Institute for Psychology and Wellbeing
RESEARCH ENTITIES & SUPPORT SERVICES
Centre of Excellence for Nutrition (CEN)
Centre of Excellence for Pharmaceu-tical Sciences (Pharmacen)
Africa Unit for Transdis-ciplinary Health Research (AUTHeR)
Physical Activity, Sport and Recreation (PhASRec)
Hypertension in Africa Research Team (HART)
Quality in Nursing and Midwifery (INSINQ)
Community Psychosocial Research (COMPRES)
Medicine Usage in South Africa (MUSA)
Occupational Hygiene and Health Research Initiative (OHHRI)
Clinical Nutrition Research Chair
Lipid and Metabolic Clinic
Hypertension Research & Training Clinic
SARCHi
MRC Unit Research Unit for Hypertension and Cardiovascular Disease
CENTRE
Centre for Child, Youth and Family Studies
IMPLEMENTATION OF EXPERTISE
Centre for Pharmaceutical and Biomedical Services (SFBD)
DST/NWU Preclinical Drug Development Platform (PCDDP)
Vivarium
NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOM CAMPUS
07-07-2015

FACULTY OF HEALTH SCIENCES: OFFICE BEARERS

DEAN

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

ADMINISTRATIVE MANAGER

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

CENTRE FOR PHARMACEUTICAL AND BIOMEDICAL SERVICES

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

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

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

DST/NWU PRECLINICAL DRUG DEVELOPMENT PLATFORM (PCDDP)

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

Vivarium

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

CENTRE FOR CHILD, YOUTH AND FAMILY STUDIES

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 coordinator: Ms OR Appolus, BA (Nursing Science) (UNISA), BA (Hons) (Health Studies) (UNISA), BA (Hons) (Life Skills and Counselling) (UNW), MBA (General) (MANCOSA).

RESEARCH ENTITIES

Centre of Excellence for Nutrition (CEN)

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

Centre of Excellence for Pharmaceutical Sciences (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: The Africa Unit for Transdisciplinary Health Research (AUTHeR)

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

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

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

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

Focus area: Hypertension in Africa Research Team (HART)

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

Focus area: Quality in Nursing and Midwifery (INSINQ)

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

Focus area: Community Psychosocial Research (COMPRES)

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

Niche area: Medicine Usage in South Africa (MUSA)

Niche area leader: Prof MS Lubbe, BPharm (PU for CHE), MPharm (Pharmacy Practice) (PU for CHE), PhD (PU for CHE), Diploma in Tertiary Education (PU for CHE).

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

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

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: Dr M Swanepoel, BSc (Biokinetika) (PU vir CHO), MSc (MBW) (NWU), PhD (MBW) (NWU).

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).

Programme leaders

Human Movement Science & Academic programme manager

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

Recreation Science:

Me C Schreck, BA (PU for CHE), Hons BA (PU for CHE), MA (NWU).

Diploma in Sport Science:

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

Subject Group Chairpersons

Biokinetics:

Dr M Swanepoel, BSc (Biokinetika) (PU vir CHO), MSc (MBW) (NWU), PhD (MBW) (NWU).

Kinder Kinetics:

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

Sport Science:

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

SCHOOL OF PHARMACY

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

Programme leaders

Pharmacy (undergraduate) & Academic programme manager:

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

Programme for Continuing Professional Education:

Mrs H Hamman, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE).

Subject Group Chairpersons

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 (Pharmaceutical Chemistry) (PU for CHE), PhD (Pharmaceutical Chemistry) (PU for CHE).

Pharmacy Practice:

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

Clinical Pharmacy:

Mr LN Scheepers, BPharm (PU for CHE).

SCHOOL OF PHYSIOLOGY, NUTRITION AND CONSUMER SCIENCES

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

Programme leaders

Dietetics:

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

Nutrition:

Mrs C Witten, BSc (Dietetics) (UWK), MSc (Nutrition Management) (UWC).

Occupational Hygiene:

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

Subject Group Chairpersons

Physiology:

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

Nutrition:

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

Consumer Sciences:

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

SCHOOL OF PSYCHOSOCIAL BEHAVIOURAL SCIENCES

Director: Prof. AG Herbst, BA (Social Work) (UP), MA (Social Work with specialization in play therapy) (Cum Laude) (UP); PhD (Social Work) (PU for CHE).

Institute for Psychology and Wellness

Head: Prof P Kruger, BA Hons. Psychology (Cum Laude), Hons. Sport Science (Cum Laude), MA Clinical Psychology (Cum Laude), PhD (Psychology)

Subject Groups:

Psychology:

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

Social Work:

Prof EH Ryke, BA (Social Work) (RAU), Post Grad Dipl. in Philosophy (Cum Laude) (PU for CHE), MA (Mental Health) (UNISA); PhD (Social Work) (UNISA).

SCHOOL OF NURSING SCIENCES

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

Programme leaders

BCur-programme: Dr A du Preez, B Soc Sc (Nursing) (UOFS), Hons B Soc Sc (Nursing) (UOFS), BA (Nursing Administration & Education)(UNISA), Diploma in Advanced Midwifery & Neonatological Nursing Science (RAU), MCur (Midwifery & Neonatological Nursing Science) (PU for CHE), PhD (Nursing) (NWU).

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

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

FACULTY OF HEALTH SCIENCES

EXECUTIVE MANAGEMENT COMMITTEE:

Chairperson: Prof AF Kotzé (Dean)

Vice chairperson: Prof SM Hanekom

Secretary: Mrs L Grimbeek (Principle Administrative Officer)

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

FACULTY BOARD

Tel	Name	Position
Office of the Dean		
992223	1. Prof AF (Awie) Kotzé	Dean (***Chairperson***)
992221	2. Ms C (Corrie) Postma	Administrative Manager
School of Biokinetics, Recreation and Sport Science		
991800	3. Prof JH (Hans) de Ridder	Director & Professor
991795	4. Prof DDJ (Dawie) Malan	Professor (Human Movement Sciences) – Academic Programme Manager
991796	5. Prof AE (Anita) Pienaar	Professor (Kinderkinetics)
991801	6. Prof CJ (Cilas) Wilders	Professor (Biokinetics)
991803	7. Prof B (Ben) Coetzee	Associate professor (Sport Science)
991793	8. Prof A (Ankebé) Kruger	Associate professor (Human Movement Sciences)
994284	9. Dr C (Cindy) Pienaar	Senior Lecturer (Sport Science)
992282	10. Dr M (Mariëtte) Swanepoel	Senior Lecturer (Biokinetics)
991811	11. Dr Y (Yolandi) Willemse	Senior Lecturer (Sport Science)
992034	12. Dr E (Erna) Bruwer	Senior Lecturer (Human Movement

Tel	Name	Position
		Sciences)
991797	13. Ms W (Wilmarié) du Plessis	Lecturer (Kinderkinetics)
991896	14. Ms CM (Cornelia) Schreck	Lecturer (Recreation Science)
991802	15. Mr PH (Pieter) van den Berg	Lecturer (Dipl Sport Science)
School of Pharmacy		
992267	16. Prof S (Sandra) van Dyk	Director & Associate professor
992234	17. Prof CB (Tiaan) Brink	Professor (Pharmacology)
992271	18. Prof DW (Douglas) Oliver	Professor (Pharmacology)
992249	19. Prof PJ (Pieter) Milne	Professor (Pharmaceutical Chemistry)
992206	20. Prof JP (Jacques) Petzer	Professor (Pharmaceutical Chemistry)
992233	21. Prof L (Linda) Brand	Associate professor (Pharmacology)
994246	22. Prof LH (Lissinda) du Plessis	Associate professor (Pharmaceutics)
992276	23. Prof AF (Dries) Marais	Associate professor (Pharmaceutics)
992276	24. Prof JH (Jan) Steenekamp)	Associate professor (Pharmaceutics)
992275	25. Prof JC (Anita) Wessels	Associate professor (Pharmaceutical Chemistry)
992255	26. Mr WD (Willem) Basson	Senior Lecturer (Pharmacy Practice)
992204	27. Dr JM (Jesslee) du Plessis	Senior Lecturer (Clinical Pharmacy)
994073	28. Ms JH (Hannlie) Hamman	Senior Lecturer (Continuing Professional Education)
992239	29. Ms I (Irma) Kotzé	Senior Lecturer (Pharmacy Practice)
992364	30. Dr DM (Dorcas) Rakumakoe	Senior Lecturer (Clinical Pharmacy)
992277	31. Dr MM (Maides) Malan	Senior Lecturer (Pharmaceutics)
992273	32. Dr JM (Joe) Viljoen	Senior Lecturer (Pharmaceutics)
992183	33. Mr LN (Nico) Scheepers	Lecturer (Clinical Pharmacy)
992272	34. Ms MA (Mariëtta) Fourie	Lecturer (Pharmaceutics)
School of Physiology, Nutrition and Consumer Sciences		
992027	35. Prof SM (Grieta) Hanekom	Director & Associate professor

Tel	Name	Position
992482	36. Prof HS (Salome) Kruger	Professor (Nutrition)
992438	37. Prof L (Leone) Malan	Professor (Physiology)
994670	38. Prof CM (Marius) Smuts	Professor (Nutrition)
992440	39. Prof JM (Johannes) van Rooyen	Professor (Physiology)
992442	40. Prof FC (Fritz) Eloff	Associate professor (Occupational Hygiene)
994011	41. Dr RC (Robin) Dolman	Senior Lecturer (Nutrition)
994283	42. Dr CMT (Carla) Fourie	Senior Lecturer (Physiology)
992399	43. Dr L (Lize) Havemann-Nel	Senior Lecturer (Nutrition)
992085	44. Dr T (Tani) Lombard	Senior Lecturer (Nutrition)
992084	45. Dr J (Hanlie) van Staden	Senior Lecturer (Consumer Sciences)
852292	46. Dr T (Tertia) van Zyl	Senior Lecturer (Nutrition)
992467	47. Ms C (Chantell) Witten	Senior Lecturer (Nutrition)
992083	48. Ms N (Neoline) le Roux	Lecturer (Consumer Sciences)
992474	49. Dr A (Annchen) Mielmann	Lecturer (Consumer Sciences)
994422	50. Ms E (Eloise) Botha	Lecturer (Consumer Sciences)
School of Psychosocial Behavioural Sciences		
994079	51. Prof AG (Alida) Herbst	Director & Associate professor
852270	52. Prof WJH (Wim) Roestenburg	Professor (Social Work)
991681	53. Prof ML (Mike) Weyers	Professor (Social Work)
991735	54. Prof KFH (Karel) Botha	Professor (Psychology)
991727	55. Prof E (Esmé) van Rensburg	Professor (Psychology)
991726	56. Prof JC (Johan) Potgieter	Professor (Psychology)
991687	57. Prof EH (Elma) Ryke	Associate professor (Social Work)
991683	58. Prof CC (Cornelia) Wessels	Associate professor (Social Work)
991388	59. Prof P (Pieter) Kruger	Head: Institute for Psychology and Wellbeing
991725	60. Dr W (Werner) de Klerk	Senior Lektor
991731	61. Dr AW (Alida) Nienaber	Senior Lecturer (Psychology)
992132	62. Dr CM (Tertia) Oosthuizen	Senior Lecturer (Psychology)

Tel	Name	Position
991682	63. Dr S (Sufran) Smith	Senior Lecturer (Social Work)
991684	64. Dr MM (Marie) Steyn	Senior Lecturer (Social Work)
991387	65. Ms HK (Heleen) Coetzee	Lecturer (Psychology)
852388	66. Mr AG (Ruan) Spies	Lecturer (Psychology)
School of Nursing Sciences		
991889	67. Ms E (Elsabe) Bornman	Acting Director & Senior Lecturer
991884	68. Prof E (Emmerentia) du Plessis	Associate professor
991837	69. Dr A (Antoinette) du Preez	Senior Lecturer
991853	70. Dr R (Ronel) Pretorius	Senior Lecturer
991833	71. Dr B (Belinda) Scrooby	Senior Lecturer
Centre: Centre of Excellence for Nutrition (CEN)		
992481	72. Prof JC (Johann) Jerling	Director & Professor
994668	73. Prof M (Marlien) Pieters	Professor
Centre: Centre of Excellence for Pharmaceutical Sciences (Pharmacen)		
992274	74. Prof J (Jeanetta) du Plessis	Director & Professor
992238	75. Prof BH (Brian) Harvey	Professor
994467	76. Prof W (Wilna) Liebenberg	Professor
994035	77. Prof JH (Sias) Hamman	Research professor
Research Unit: The Afica Unit for Transdisciplinary Health Research (AUTHeR)		
994037	78. Prof A (Annamarie) Kruger	Director & Professor
991735	79. Prof V (Vera) Roos	Professor
852381	80. Dr GM (Gerda) Reitsma	Senior Lecturer
992093	81. Dr L (Lanthé) Kruger	Senior Lecturer
992094	82. Dr P (Petra) Bester	Senior Lecturer
Focus area: Hypertension in Africa Research Team (HART)		
992439	83. Prof HW (Hugo) Huisman	Director & Professor
992053	84. Dr W (Wayne) Smith	Senior Lecturer
991983	85. Dr C (Carina) Mels	Senior Lecturer

Tel	Name	Position
Focus area: Physical Activity, Sport and Recreation (PhASRec)		
991821	86. Prof SJ (Hanlie) Moss	Director & Associate professor
991790	87. Prof MA (Andries) Monyeki	Professor (Human Movement Sciences)
992037	88. Dr JT (Theron) Weilbach	Senior Lecturer (Recreation Science)
Focus area: Quality in Nursing and Midwifery (INSINQ)		
991836	89. Dr CS (Karin) Minnie	Director & Senior Lecturer
991879	90. Dr SK (Siedine) Coetzee	Senior Lecturer
Focus area: Community Psychosocial Research (COMPRES)		
991745	91. Prof HB (Herman) Grobler	Director & Associate professor
Niche area: Medicine Usage in South Africa (MUSA)		
992288	92. Prof MS (Martie) Lubbe	Niche area leader & Professor
992285	93. Dr JR (Johanita) Burger	Senior Lecturer
Niche area: Occupational Hygiene and Health Research Initiative (OHHRI)		
992434	94. Prof JL (Johan) du Plessis	Niche area leader & Associate professor
Centre for Child, Youth and Family Studies (CCYFS)		
	95. Prof CHM (Retha) Bloem	Head: SKJF & Associate professor
Centre for Pharmaceutical and Biomedical Services (CPBS)		
992280	96. Prof B (Banie) Boneschans	Director & Professor
992325	97. Dr E (Erna) Swanepoel	Head: RIIP/CENQAM (Expert Subject Specialist)
992322	98. Dr M (Marius) Brits	Expert Subject Specialist (RIIP)
DST / NWU Preclinical Drug Development Platform (PCDDP)		
994467	99. Prof AF (Anne) Grobler	Director & Professor
992102	100. Mr CJJ (Cor) Bester	Head: Vivarium
852606	101. Prof R (Rose) Hayeshi	Professor
SARChI Chair in Hypertension & MRC Unit: Research Unit for Hypertension and Cardiovascular Disease		
992444	102. Prof AE (Alta) Schutte	Professor (Research chair & Director)
Health Sciences Ethics Office for Research, Training and Support		
991901	103. Prof M (Minrie) Greeff	Head & Professor

Tel	Name	Position
852291	104. Dr GW (Wayne) Towers	
Student representatives		
	105. Ms Nolien de Jager (Nutricamus)	Email: nolien95274@gmail.com Cell: 076 571 6197
	106. Mr Muller Terblanche (PASV)	Email: muller.terblanche770@gmail.com Cell: 072 9595909
Representatives from other faculties/entities		
992501	107. Prof M (Mark) Maboeta	Natural Sciences
852309	108. Dr M (Marissa) de Klerk	Economic and Business Management
991627	109. Prof SJ (Johann) Zaaiman	Arts
991591	110. Dr H (Hannelie) Yates	Theology
	111. Prof LA (Lesley) Wood	Education
992179	112. Ms OR (Ruth) Appolus	Unit for Open Distance Learning

G.1 FACULTY RULES

G.1.1 AUTHORITY OF THE GENERAL RULES

The faculty rules valid for the different qualifications, programmes and curricula of this faculty and contained in this faculty calendar as well as the quality assurance manual of the faculty are subject to the General Rules of the University, as determined from time to time by the Council of the University on recommendation by the Senate. The faculty rules should therefore be read in conjunction with the General Rules. The General Rules reflected on the website of the University at

http://www.nwu.ac.za/sites/www.nwu.ac.za/files/files/i-governance-management/policy/7P-Arules2015_e_1.pdf

G.1.2 FACULTY-SPECIFIC RULES

Programme specific requirements, procedures and structures will be presented in the calendar and students are referred to the faculty rules where applicable.

The structure, method of delivery and presentation mode of each programme in this calendar which are subject to the policy laid down by the Institutional Committee for Academic Standards (ICAS) of the NWU and consistent with the requirements of the Council on Higher Education (CHE), the Higher Education Quality Committee (HEQC), the Department of Higher Education and Training (DoHET) and the South African Qualifications Authority (SAQA).

G.1.2.1 Admission requirements

The admission requirements for all formal academic qualifications offered by the University are set out in the Admission Policy as approved by Senate and Council

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

Taking due cognizance of the General Rules 1.2.2, 1.2.3 and 2.2 and the Faculty Rules, as contained in the relevant calendars, the University reserves the right to apply e.g. the under mentioned selection model on the basis of which consideration will be given to candidates' applications.

Where there is an indication of **selection** in the column with the heading "Selection tests" in the following table, specific selection tests are applicable and the guidelines of the selection procedures of the different programmes are available in the quality assurance manual of the faculty.

G.1.2.2 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.1.2.3 Medium of instruction

Lectures are made accessible by means of educational interpreting into English for students who do not have sufficient capacity in Afrikaans. In certain modules the language of instruction is English and the lectures are made accessible by means of educational interpreting into Afrikaans. Studyguides and other study material are also available in English.

Examinations and other evaluations / assessments can be conducted in Afrikaans or English.

Selection model: Determination of APS-score (APS= Academic Performance Scale)

NSC-scale	APS-score
8 (90-100%)	8
7 (80-89%)	7
6 (70-79%)	6
5 (60-69%)	5
4 (50-59%)	4
3 (40-49%)	3
2 (30-39%)	2
1 (0-29%)	1

1. The results achieved in six subjects will be used to determine the APS-score.
2. The results achieved in Life Orientation (LO) will not be rated in calculating the APS-score. An achievement on level 5 or higher, in Life Orientation will only be regarded as recommendation in border line cases, or as recommendation for admission to specific programmes. Students should furthermore pass Life Orientation at level 3 in order to obtain a National Senior Certificate (NSC).
3. A student who achieved one or two APS scale points less than required for a specific study programme, may on discretion of the Senate be admitted conditionally to a particular study programme. Such students must prove their ability to be admitted for tertiary education, by successful completion of a Senate approved admissions examination, registered with the Matriculation Board.
4. A student, who achieved three or four APS scale points less during the Senior Certificate examination, may be admitted to a specific study programme by means of a discretionary exemption by the Senate after successful completion of the approved Admissions examination and an approved Bridging programme.
5. A student, who obtains Discretionary Exemption, may be admitted to certain study programmes on certain conditions.

Information is subject to change. Please contact the Admissions Department for the latest information. Information regarding the postgraduate programmes and diplomas is available in the postgraduate yearbook of the Faculty of Health Sciences.

GRAAD/DIPLOMA ***DEGREE/DIPLOMA***	**VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES** ***REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS***	**APS**	**KEURINGS-TOETS** ***SELECTION TEST***	**Method of Delivery**	**NQF-level**
Diploma in Sportkunde / *Diploma in Sport Science* (3 jr/yrs) **G101P (832100)**	Nasionale Senior Sertifikaat / *National Senior Certificate*	16	Best average mark	Full-time	6
Baccalaureus Artium **Gesondheidswetenskappe / *Health Sciences*** (3 jr/*yrs)* *Menslike Bewegingskunde en Psigologie / *Human Movement Sciences & Psychology* **G301P (100167)** *Rekreasiekunde en Psigologie / *Recreation Science & Psychology* **G304P (100167)** *Rekreasiekunde en Toerismebestuur / *Recreation Science & Tourism Management* **G305P (100167)**		22	Best average mark	Full-time	7
Baccalaureus Artium **Psigologie en Afrikaans en Nederlands / *Psychology & Afrikaans & Dutch*** (3 jr/*yrs)* **G301P (100169)**		22		Full-time	7
Baccalaureus Artium **Psigologie en Arbeidsverhoudinge / *Psychology & Labour Relations*** (3 jr/*yrs)* **G301P (100170)**		22		Full-time	7
Baccalaureus Artium **Psigologie en Engels / *Psychology & English*** (3 jr/yrs) **G301P (100171)**		22		Full-time	7
Baccalaureus Artium **Psigologie en Geografie en Omgewingstudie / *Psychology & Geography & Environment Study*** (3 jr/yrs) **G301P (100172)**		22		Full-time	7

RAAD/DIPLOMA *DEGREE/DIPLOMA*	VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES *REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS*	APS	KEURINGS-TOETS *SELECTION TEST*	Method of Delivery	NQF-level
Baccalaureus Artium **Psigologie en Setswana / *Psychology & Setswana*** (3 jr/*yrs)* **G301P (100173)**		22		Full-time	7
Baccalaureus Artium **Psigologie en Sosiologie / *Psychology & Sociology*** (3 jr/yrs) **G301P (100174)**		22		Full-time	7
Baccalaureus Artium **Psigologie en Toerismebestuur / *Psychology & Tourism Management*** (3 jr/*yrs)* **G302P (100175)**		22		Full-time	7
Baccalaureus Artium (Sport-, Gesondheid- en Vryetydwetenskap / *Sport, Health and Leisure Science)* (3 jr/*yrs)* *Menslike Bewegingskunde en Rekreasiekunde / *Human Movement Science and Recreation Science* **G317P (843100)**		22	Best average mark	Full-time	7
Baccalaureus Scientiae **Biologiese Wetenskappe / Biological Sciences** (3 jr/yrs) ***Fisiologie en Biochemie / *Physiology & Biochemistry*** **G301P (200112)** ***Psigologie en Rekenaar- en Inligtingstelsels / *Psychology & Computer & Information Systems*** **G305P (200112)** ***Psigologie en Wiskunde / *Psychology & Mathematics*** **G307P (200112)**	Wiskunde vlak 5 (60-69%) en Fisiese Wetenskap vlak 4 (50-59%) / *Mathematics level 5 (60-69%) and Physical Science level 4 (50-59%)*	26		Full-time	7

GRAAD/DIPLOMA *DEGREE/DIPLOMA*	VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES *REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS*	APS	KEURINGS-TOETS *SELECTION TEST*	Method of Delivery	NQF-level
Baccalaureus Scientiae Gesondheidswetenskappe / *Health Sciences* (3 jr/*yrs)* *Fisiologie en Psigologie / *Physiology & Psychology* **G301P (200186)** *Voeding en Fisiologie / *Nutrition & Physiology* **G302P (200186)) (Phased out)**	Wiskunde vlak 3 (40-49%) en Fisiese Wetenskap vlak 4 (50-59%) / *Mathematics level 3 (40-49%) and Physical Science level 4 (50-59%)*	24		Full-time	7
Baccalaureus Scientiae Menslike Bewegingskunde en Fisiologie / *Human Movement Science & Physiology* (3 jr/yrs) **G302P (200187)**	Wiskunde vlak 3 (40-49%) en Fisiese Wetenskap vlak 4 (50-59%) / *Mathematics level 3 (40-49%) and Physical Science level 4 (50-59%)*	24	Best average mark	Full-time	7
Baccalaureus Scientiae Menslike Bewegingskunde en Voeding / *Human Movement Science & Nutrition* (3 jr/yrs) **G301P (200188) (Phased out)**	Wiskunde vlak 3 (40-49%) en Fisiese Wetenskap vlak 4 (50-59%) / Mathematics level 3 (40-49%) and Physical Science level 4 (50-59%)	24	Best average mark	Full-time	7
Baccalaureus Scientiae Psigologie en Voeding / *Psychology & Nutrition* (3 jr/*yrs)* **G301P (200189)) (Phased out)**	Wiskunde vlak 3 (40-49%) en Fisiese Wetenskap vlak 4 (50-59%) / *Mathematics level 3 (40-49%) and Physical Science level 4 (50-59%)*	22		Full-time	7
Baccalaureus in Maatskaplike Werk (BMW) / *Bachelor in Social Work* (BSW) (4 jr/*yrs*) **G402P (111101)**	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word. / *Selection: Applications close 30 June. Late applications will be considered on merit*	28	Ja/Yes	Full-time	8

Note regarding programmes with Nutrition as a second major subject: Due to the new regulations of the Council for Health Professions in South Africa *(Health Professions Council of South Africa)* regarding registration of Nutritionists, the curricula with nutrition as a major subject will be phased out in 2014 and students will only be allowed to follow the curricula that will, after successful completion, enable them to register as nutritionists at the Council.

GRAAD/DIPLOMA *DEGREE/DIPLOMA*	VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES *REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS*	APS	KEURINGS-TOETS *SELECTION TEST*	Method of Delivery	NQF-level
Baccalaureus Scientiae **Verbruikerswetenskappe / *Consumer Sciences*** (3 jr/*yrs)* *****Verbruikerswetenskappe met Ondernemingsbestuur /*Consumer Sciences with Business Management* **G301P (845100) *(faseer uit vanaf 2013)*** **G303P (845100) *(faseer in vanaf 2014)*** *Verbruikerswetenskappe met Toerismebestuur / *Consumer Sciences with Tourism Management* **G302P (845100) *(faseer uit vanaf 2013)*** **G304P (845100) *(faseer in vanaf 2014)***	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word. / *Selection: Applications close 30 June. Late applications will be considered on merit.* Ten minste een natuurwetenskaplike vak op vlak 4 (50-59%) (erkende natuurwetenskaplike vakke: Wiskunde of Fisiese- of Landbou- of Lewenswetenskappe). 'n Gemiddelde persentasie hoër as 70% in Wiskundige geletterdheid sal in aanmerking geneem word. / *At least one subject from the natural sciences passed on level 4 (50-59%) (designated natural science subjects: Mathematics or Physical Sciences or Agricultural or Life Sciences).* *An average mark above 70% in Mathematics literacy will be considered.*	24	Ja/*Yes*	Full-time	7
Baccalaureus Curationis (Educationis et Administrationis) **(BCur Ed et Adm)** (3 jr/yrs) *Health Science Education and Health Service Management **G318T (829 100)**	Indicated at programme in this calendar			Full-time	7
Baccalaureus Curationis (BCur) / *Bachelor of Nursing Sciences* (4 jr/*yrs)* *Algemene-, Psigiatriese-, Verloskundige- en Gemeenskapsverpleegkunde / *General, Psychiatric, Community Nursing Science and Midwifery* **G408P (120101)**	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word / *Selection: Applications close 30 June. Late applications will be considered on merit* Fisiese Wetenskap of Lewenswetenskap of Wiskunde op vlak 4 (50-59%) / *Physical Science or Life Sciences (Biology) or Mathematics passed on level 4 (50-59%).* Ondervinding in die praktyk (hospitaal skoliere program ["skaduverpleging"]) / *Experience in the practical field (''hospital shadowing").*	25	Ja/*Yes*	Full-time	8

GRAAD/DIPLOMA *DEGREE/DIPLOMA*	VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES *REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS*	APS	KEURINGS-TOETS *SELECTION TEST*	Method of Delivery	NQF-level
Baccalaureus Pharmaciae (BPharm) (4 jr/*yrs)* *Farmasie / *Pharmacy* **–** **G412P (800101) *(faseer uit vanaf 2012)*** **G413P (800101) *(faseer in vanaf 2013)***	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word / *Selection: Applications close 30 June. Late applications will be considered on merit* Wiskunde vlak 4 (50-59%) en Fisiese Wetenskap op vlak 4 (50-59%) / *Mathematics on level 4 (50-59%)and Physical Science on level 4 (50-59%)*	28	Ja/*Yes*	Full-time	8
Baccalaureus Scientiae (Dieetkunde / *Dietetics)* (4 jr/*yrs)* *Dieetkunde / *Dietetics* **G402P (206101)**	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word / *Selection: Applications close 31* May. *Late applications will be considered on merit* Wiskunde vlak 4 (50-59%) en Fisiese Wetenskap op vlak 4 (50-59%) / *Mathematics level 4 (50-59%) and Physical Science on level 4 (50-59%)*	26	Ja/*Yes*	Full-time	8
Baccalaureus Scientiae (Voedingkunde / Nutrition) (4 jr/*yrs*) *Voedingkunde / *Nutrition* **G402P (286100) (Phased out)**	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word / *Selection: Applications close 30 June. Late applications will be considered on merit* Wiskunde vlak 4 (50-59%) en Fisiese Wetenskap op vlak 4 (50-59%) / *Mathematics level 4 (50-59%) and Physical Science on level 4 (50-59%)*	26	Ja/Yes	Full-time	8
Baccalaureus Gesondheidswetenskappe in Beroepshigiëne / *Bachelor of Health Sciences in Occupational Hygiene* (4jr/yrs) *Beroepshigiëne / *Occupational Hygiene* **G401P (848100)**	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word / *Selection: Applications close 30 June. Late applications will be considered on merit* Wiskunde vlak 5 (60-69%) en Fisiese Wetenskap op vlak 5 (60-69%) / *Mathematics level 5 (60-69%) and Physical Science on level 5 (60-69%)*	27	Ja/Yes	Voltyds	8

G.1.2.4 Registration

Registration is the prescribed complete process that a student has to follow to register, amend or cancel as a student at the University (General Rules 2.3.1 en 2.3.6).

G.1.2.5 Phasing in and out of programmes / curricula

The directors of all schools concerned, in consultation with the subject chairs / programme leaders, issue transitional rules where necessary in order to facilitate the transition from existing programmes to new programmes.

If the curriculum for which a student registered in the previous year was amended in this calendar, the student's curriculum will be adjusted to correspond with the version in this calendar. If at all possible, adjustments will be made in such a manner that a student's study load is not increased.

G.1.2.6 Modules and credits

a) Subjects are presented according to modules, to which a certain number of credit values are allocated.

b) Modules have a code and a descriptive name e.g. PSYC111.

c) Each module carries a certain “weight” known as the credit.

d) Each module must be passed individually.

G.1.2.7 Relation between credits and teaching periods

The general rule is as follows:

For the first three semesters (two semesters at level 1 and the first semester of level 2) the maximum number of theoretical periods is two periods per week for every 8/12 credit module. For a 16 credit module the maximum number of theoretical periods is four per week.

For all subsequent semesters the maximum number of theoretical periods is one per week for every 8/12 credit module. For 16 and 24 credit modules the maximum number of theoretical periods will be 2 and 3 per week respectively.

G.1.2.8 Time table

It is the personal responsibility of the student to ensure that all requirements for registration for the qualification programme, curriculum and module are complied with and that no class, test or examination time table clashes between modules for which the student registers, will occur. The University reserves the right to refuse or cancel a registration where this condition is not met (General Rule 2.3.1.4).

G.1.2.9 Simultaneous registration at more than one institution

A student may not be registered simultaneously at the University and at another higher education institution without written permission granted by the campus registrar concerned on recommendation of the dean concerned and with the concurrence of the other institution (General Rule 1.3.2).

G.1.2.10 Simultaneous registration for more than one qualification

a) A student may not be registered simultaneously for more than one qualification within the University without prior written permission granted by the campus registrar concerned on recommendation by the dean or deans concerned (General Rule 1.3.3);

b) a student's application for simultaneous registration for more than one qualification will be considered on merit if no more than two modules are outstanding before the first

qualification can be obtained and other program requirements as well as requirements of Statutory Councils have been taken into account;

c) students who wish to register for the Postgraduate Certificate in Education (PGCE) simultaneously with the first undergraduate qualification in the Faculty of Health Sciences, need to adhere to the following faculty rules:

   i) if a maximum of two modules of the first qualification are outstanding before qualification can be obtained and the relevant qualification / programme already includes the prerequisite school-directed modules with a view to admission to PGCE, or if the student registered for and passed the prerequisite modules for admission to PGCE during his studies, the student can, according to faculty guidelines, apply for simultaneous registration for more than one qualification;

   ii) if a maximum of two modules of the first qualification are outstanding before qualification can be obtained and the relevant qualification / programme does not include the prerequisite school-directed modules with a view to admission to PGCE, or the student did not register for and pass the prerequisite modules for admission to PGCE during his studies, the student cannot apply for simultaneous registration for more than one qualification. The student can then only register for the two outstanding modules for the first qualification and apply for the additional prerequisite school-directed modules with a view to admission to PGCE;

d) no modules may have timetable clashes;

e) the practical sessions of PGCE may not take precedence over the class attendance and practical sessions of modules of the first qualification; and

f) a student must put in an official request; also, permission for simultaneous registration of two qualifications must be obtained from both faculties, where applicable.

G.1.2.11 Registration for additional modules

A student may in any study year take modules in addition to the modules required for the specific curriculum according to the stipulations of the sub-paragraphs in General Rule 2.3.4.

G.1.2.12 Recognition and exemption of modules

a) General Rule 2.3.2 is applicable.

b) The Faculty rules stipulate that recognition or exemption of modules will apply for 5 years. Applications for the recognition or exemption of modules longer than the prescribed period will be evaluate on merit by the dean.

c) Students can not be credited for module FLGX114 on the grounds of FLGX113 or FLPX112 or FLPX113 already passed or visa versa.

d) Students can not be credited for module FLGX124 on the grounds of FLGX123 or FLPX122 or FLPX123 already passed or visa versa.

e) Students can not be credited for module FLPX112 or FLPX113 on the grounds of FLGX113 or FLGX114 already passed or visa versa.

f) Students can not be credited for module FLPX122 or FLPX123 on the grounds of FLGX123 or FLGX124 already passed or visa versa.

G.1.2.13 Explanation of the assumed study requirement in the list of modules

a) The prerequisites of all the modules which are part of programmes in this calendar are presented in the list of modules G.14 as indicated at the back of this calendar.

b) The module outcomes are presented at G.14 in this calendar.

c) Registration for year modules is done during the first semester.

d) In the column "prerequisites" in the list of modules, the indicated terms (assumed learning) have the meanings given below (General Rule 2.3.3):
   i) **(35PM) or (40PM): a participation mark of at least 35/40%** in the indicated module is required to register for the module of which it is a requirement;
   ii) **(40): a module mark** of **at least 40%** in the indicated module is required to register for the module of which it is a requirement (General Rule 2.3.3.1);
   iii) **no figure in brackets: a module mark of at least 50%** in the indicated module is required to register for the module OF WHICH it is a requirement (General Rule 2.3.3.2).

e) Except where faculty rules provide otherwise, a student registered for a degree that leads to professional or statutory registration may only register for final year modules after all preceding modules have been passed (General Rule 2.3.3.4).

G.1.2.14 Composition of the participation mark

a) The participation mark for a module is calculated from tests, assignments, practical work and research assignments.

b) The ratio between theory and practica for the calculation of the participation mark is set out in the study guides of the various modules.

G.1.2.15 Number of examination opportunities

The examination opportunities and related rules take place according to General Rule 2.4.4.

G.1.2.16 Admission to the examination

a) Admission to the examination in any module takes place by obtaining a participation mark (General Rule 2.4.2).

b) In terms of General Rule 2.4.2 a participation mark in the Faculty of Health Sciences will only be issued to a student if he/she:
   i) obtained a participation mark of **at least** 35% for first level modules and 40% for second-, third- and fourth level modules unless other specific requirements for a particular module are set out in the study guide;
   ii) obtained a participation mark of **at least** 50% for all the modules in the fourth year in Dietetics and Nutrition;
   iii) completed the practical work required for the module (where applicable);
   iv) obtained a participation mark of **at least** 50% for practical modules in Nursing Science, Dietetics and Nutrition; and
   v) complied with the specific requirements set out in the study guide as well as the module outcomes indicated in G.14 of this calendar for the specific module;.

c) The participation mark obtained by a student for the first examination opportunity is carried forward to the second examination opportunity (General Rule 2.4.4.3).

G.1.2.17 Relation between credit marks and examination papers

The duration for an examination paper for a 12 credit module should normally be two hours and for 16, 24 or 32 credit modules, three hours.

G.1.2.18 Moderating of modules, examination papers and answer papers

General Rules 1.1.1 and 2.4.1 is applicable as well as faculty rules where the requirements of Statutory Councils are stated.

G.1.2.19 Calculation of module mark

The module mark (General Rule, footnote 5) is calculated by using the ratio between the participation mark and the examination mark as set out in the study guide and given at the module outcomes at G.14 of this calendar.

G.1.2.20 Subminimum for examination

a) The subminimum for all modules in which an examination was written, is 40% (General Rule 2.4.3.3) except where faculty rules for specific programmes or curricula provide otherwise.

b) The examination subminimum for all practical modules in Nursing Science, Dietetics and Nutrition is 50% (General Rule 2.4.3.3).

G.1.2.21 Pass requirements for a module and curriculum

a) The stipulations of General Rule 2.4.3 and all the subparagraphs are applicable.

b) The pass requirement for a module in which an examination was written, is a **module mark** of 50%. (General Rule 2.4.3.1).

c) Consideration for adjusting the module mark of a first level module in which an examination was written but not passed takes place according to the stipulations of General Rules 2.4.3.2 and 2.4.3.4.

d) A curriculum is passed if all the comprising modules are passed separately (General Rule 2.5.1).

e) According to General Rule 2.4.4.5 a student who, having used one or both examination opportunities, has passed all modules but one required for a qualification, may apply to the dean concerned to be granted a final assessment opportunity in the outstanding module, provided that the student was registered for that module in that academic year and had a participation mark that admitted him / her to the examination.

f) Subject to the requirements regarding an examination sub-minimum as provided for in faculty rules, a student passes the examination in a particular module if a module mark of at least 50% is attained in the assessment (General Rule 2.4.3.1).

g) General Rule 2.5.2 states the requirements for passing a module / curriculum / qualification with distinction. The faculty rule states that if the average mark of all the modules will be counted to 74%, the mark will, on behalf of merit, be condoned to 75%. The degree will be passed cum laude if the average mark of all the core modules is 75%.

G.1.2.22 Access to marked examination work

a) A student can officially apply at the school director for access to marked examination work as well as the memoranda (General Rule 2.4.9).

b) Applications will be considered and approved on the following conditions:

   i) the student may view the answer paper and memorandum in the presence of the lecturer and subject group chairperson concerned;

   ii) the lecturer may give an indication of the problem areas concerned;

   iii) failures in calculation of marks or questions not marked, will be revised, remarked and recalculated where applicable;

   iv) answer papers will otherwise not be remarked;

   v) students may still make use of the second opportunity of examinations after access is allowed to marked examination work of the first examination; and

   vi) application to view answer papers must be made within a maximum period of five working days after the marks have been made available.

G.1.2.23 Repetition of modules

a) If a student fails the examination in a particular module, the module must, barring possible exceptions provided for in the General Rules and faculty rules, be repeated in its entirety (General Rule 2.4.5).

b) An undergraduate or diploma student who has written a module examination and has failed that module has to reregister for the module, and obtain a new participation mark. Participation marks are not transferred to the next year except for the conditions stipulated in the following subparagraph (c).

c) The Faculty of Health Sciences will decide on behalf of merit if the student will be exempted from practical work for a module that has to be repeated. A student may apply in writing concerned to be exempted in the year after the module was failed from the practical work in the module, in which case the student registers for the module and makes the necessary arrangements with the lecturer concerned for the transfer of the mark for practical work from the previous year in order to form part of the participation mark (General Rule 2.3.2.5).

d) The Faculty of Health Sciences is not in favour of exemption of class attendance (General Rule 2.3.2.6).

e) If students of a specific year level in a curricula have to repeat one or more modules from a previous year level in a curricula, the following rules are applicable:

   i) the total amount of credits of the modules which students are allowed to register for are stipulated in General Rules 2.3.4.3 and 2.3.4.4;

   ii) the student must make sure that no timetable clashes are brought about thereby;

   iii) if timetable clashes develop as a result of modules that have to be repeated, the modules should then be taken in the following years because no exemption from class attendance will be granted in the event of timetable clashes; and

   iv) if a student fails to complete modules from a particular year level of the curriculum for which he/she is enrolled in the prescribed minimum period, and the modules of the relevant year level have been amended in the meantime, the dean may decide that the student be required to complete the relevant year level as published in the latest edition of the calendar. This means that if the student needs to repeat a module which has in the meantime been replaced by another module in the curriculum, the dean may decide that the student needs to take the latter module.

G.1.2.24 Unsatisfactory academic performance

A student whose academic performance is unsatisfactory receives a formal warning from the dean and is referred for academic advice and study counselling (General Rule 2.4.7).

G.1.2.25 Termination of studies

According to General Rule 2.4.8 a student's studies can be terminated.

G.1.2.25.1 Termination of studies - continued unsatisfactory academic performance

Subject to Academic Rules 2.4.7 and 2.4.8, the following Faculty rule is applicable:

The dean may recommend that a student's studies be terminated, where a student has already received formal academic warnings and continuously reflected unsatisfactory performance in any programme of the faculty for which the student was enrolled (Rule 2.4.7.2). Termination of studies can take place if a student does not met the set conditions for continuation of studies as prescribed in the framework of the various programmes (Rule 2.4.8.1).

G.1.2.26 Other faculty rules

Other faculty rules which are only applicable on a specific programme or curricula will be presented there in the calendar.

G.1.2.26.1 Work-integrated learning

Work integrated learning involves **additional financial costs** that must be borne by the students. These costs are not included in the tuition fees.

G.1.2.26.2 Immunisation

Some programmes require that students must at the time of registration submit proof of immunization. These costs are not included in the tuition fees.

G.1.2.26.3 Drivers licence

With the view on practical work, it is strongly recommended that a student must be in possession of a driver's license. The University cannot guarantee a placement regarding e.g. the mini-internship where applicable for students who do not comply with this requirement.

G.1.2.26.4 Registration at Statutory Councils

Information regarding registration at the different Statutory Councils will be presented at the relevant programmes in the calendar.

G.1.3 RECOGNITION OF PRIOR LEARNING

The North-West University accepts the principle underlying outcomes-based, source-based- and life-long learning, in which considerations of articulation and mobility play a significant role, and subscribes to the view that recognition of prior learning, whether acquired by formal education curricula at this or another institution or informally (by experience) is an indispensable element in deciding on admission to and awarding credits in an explicitly selected teaching-learning programme of the North-West University.

Recognition of prior learning concerns the provable knowledge and learning that an applicant has acquired, whether by having completed formal education curricula, or by experience. At all times the question will be what the level of the skills is, and skills will be assessed in the context of the exit level skills required by the intended teaching-learning programme or modules in the programme, or the status for which the applicant applies, and not merely by virtue of the experience recorded by the applicant. Recognition of prior learning will therefore take place in terms of the applied competencies demonstrated by the applicant in his/her application, taking into consideration the exit level outcomes that have to be obtained by means of the selected teaching-learning programme.

The North-West University accepts that the recognition of prior learning must take place in a valid, trustworthy and fair way, within the normal existing policy on awarding credits to prospective or existing students, whether they are from this or another institution.

For processing an application for recognition of prior learning a non-refundable administrative levy is payable as determined by the University from time to time.

The process for the recognizing prior learning is given in General Rule 1.1.1.

G.1.4 EVALUATION OF ACADEMIC LANGUAGE PROFICIENCY

a) In order to evaluate their ability to function in an academic environment, all undergraduate students who register at the University for the first time must report for a compulsory skills test in academic literacy, at a time and place determined by the University. The purpose of this test is to identify students who, due to inadequate academic skills, may fail to complete their study programme within the stipulated period.

b) Students have the option of writing the compulsory skills test in English or in Afrikaans. With the exception of students who are identified as borderline cases by the test, each student has only one opportunity to write the test. Students, who are regarded as borderline cases, will be granted a second opportunity to write the test. It is the student's responsibility to establish his/her result within 14 days of writing the test and to register for the correct module and in the correct semester.

c) Students who are regarded as at-risk cases must register for the module AGLA111 [Afrikaans] or AGLE111 [English] depending upon the language in which the compulsory skills test was written. These modules are not calculated in terms of curriculum credits, but the credits earned in this way are regarded as additional credits.

d) Admission to the examination for AGLA111 / AGLE111 requires a participation mark of 35%. Students who are not admitted to the examination for AGLA111 / AGLE111 or who fail the relevant examination as well as two or more other modules, will have to be re-evaluated by the Evaluation Committee if they want to continue their studies in the following semester. In order to avoid the termination of studies, AGLA111/AGLE111 must be completed at the end of the student's second historic year, at the very latest.

e) Admission to the module AGLA121 / AGLE121, which is compulsory for all students who register at the University for the first time, requires that a student should first complete AGLA111 / AGLE111 and must obtain a mark of at least 40% for AGLA111 / AGLE111. The modules AGLA121 / AGLE121 constitute a value of 12 credits that form part of the curriculum for which the student has registered, and must be taken in the language in which the compulsory skills test and AGLA111 / AGLE111 were taken.

f) AGLA/E121 consists of three papers, viz. Academic Literacy, Computer and Information Skills and Reading Skills. There is a subminimum in each of the three components. The student must pass each of the three components in the same semester in which he/she has registered for the module in order to pass the module.

g) Students who failed the module AGLA111 / AGLE111, but were allowed to continue with AGLA121 / AGLE121 and who passed the examination in this module, may have the result of AGLA111 / AGLE111 condoned by the relevant School Director to allow for a pass mark in the module.

h) Students who have already successfully completed a module [s] / course[s] equivalent to AGLA111, 121 / AGLE111, 121 at another institution and can provide proof of this qualification, may apply in writing to the Head of the Centre for Academic and Professional Language Practice for formal recognition.

G.1.5 RULES FOR THE POSTGRADUATE CERTIFICATE IN EDUCATION (PGCE)

The complete rules will be available in the calendar of the Faculty of Education Sciences.

The PGCE serves as a professional capping qualification for candidates who have completed a relevant 360 or 480-credit Bachelor's degree and wish to enter the teaching profession. With this certificate an educator can teach from Grades 7 to 12.

Duration of study

The minimum duration of study is one (1) year and the maximum duration is two (2) years.

Admission requirements for the qualification

a) An undergraduate university degree with two recognised school subjects or a recognised qualification of 360 credits at NQF level 6 and that includes at least **two** recognised school subjects.

b) Students must also be able to take two methodology subjects in order to obtain the qualification. The curriculum for the qualification may be structured in one of the following

ways (A recognised school subject is one included in the Department of Basic Education's official list of school subjects):

i) a recognised school subject at level 3 + a recognised school subject at level 2;

ii) In the event of a choice between methodologies for academic subjects already obtained for a prior qualification, a student must select from these the two subjects that were obtained at the highest level. In the case of Languages, the relevant language subject must be at year level 3.

Exceptions:

c) A student who wants to take ***Life Sciences*** as methodology need to present one of the following subjects Botany, Zoology or Physiology on level three and another on level 2 OR two of the three subjects on level 2 for admission to the PGCE.

d) A student who wants to take ***Physical Sciences*** as methodology need to present one of the subjects Chemistry or Physics on level three and the other one on at least on level 3. Alternatively, Chemistry and Physics both on level 2 can also be used for admission.

e) A student who wants to take the Methodology of ***Mathematics*** must have completed Mathematics on level 2 or otherwise Mathematics on level 1 with one of the following on level 2: Statistics, Mathematical Statistics, Applied Mathematics and Financial Mathematics.

f) A student who wants to take the Methodology of ***Life Orientation*** must have Psychology and one of the following subjects on degree level: Sociology, Political Studies, Human Movement Science, Labour -and Industrial studies, Human Rights, Ethics and Nutrition. The student must already have a second school subject on degree level for the second methodology.

g) A student who wants to take the Methodology of ***Languages*** must have completed it on level 3

h) Students who have as yet not completed their first degree may be admitted by way of exception. They have to make a special application to the Director for this admission. (See G.1.2.9 of this calendar according to the faculty rules of the Faculty of Health Sciences).

G.1.6 WARNING AGAINST PLAGIARISM

Assignments are individual tasks and not group activities (unless explicitly indicated as group activities). For further details see:

http://www.puk.ac.za/beheer-bestuur/beleid-reels/index_e.html

G.1.6.1 Academic misconduct

Academic misconduct includes plagiarism and academic dishonesty (copying from others during examinations). Dishonest academic conduct is a serious transgression, regardless of whether it takes place orally, by conduct or in writing, during examinations or in the context of other forms of evaluation such as assignments, theses, reports and publications. It is the policy of the University that no form of academic dishonesty will be tolerated, and should any such action be reported or observed and the transgressor be found guilty, s/he will be punished in terms of the University's disciplinary policies, rules and procedures. Hence there are two overarching types of academic misconduct, namely:

G.1.6.2 Plagiarism[1]

Plagiarism is the word attributed to a specific type of academic dishonesty – the repeating of somebody else's words, or even the offering of somebody else's train of thought as if it were one's own. Traditionally plagiarism is defined as the taking of the words, images, ideas, etc. of an author and presenting them as if they were one's own. This may manifest itself in a variety of ways and is not limited to students' writings of published articles or books. *The cutting and pasting of web pages in itself is regarded in higher education as plagiarism if the web pages are not properly acknowledged and quoted.* Whatever the source of the material or the intended outcome, plagiarism is cheating and is therefore unacceptable.

What then if one copies large portions of work **AND** uses quotation marks with accurate references, and one also links one's own opinion to them? Can one regard it as one's "own" work? On the level of higher education, it is expected of you to develop your **own** voice and opinions and to build on other people's work, rather than to hide behind it. It would therefore be regarded as bad academic practice but not as plagiarism.

Make sure that you fully understand plagiarism and that you are familiar with the policies and regulations that relate to plagiarism. Plagiarism is a serious academic transgression, but you are on the right track if you are clear, careful and honest. Do not let a fear of plagiarism prevent you from fully utilising the rich resources that are available. *Turnitin.com* and *Research Resources* provide a checklist for preventing plagiarism.

Learn how to write in the style of your discipline. Your writing must be **YOUR** writing.

Learn to think critically and independently. Readers are interested in **your** understanding of an idea. Writing is a valuable exercise that tests your ability to explain a subject. It is an important part of learning.

Always give the necessary acknowledgement for every reference you use in your writing. Any ethically responsible writer **always** acknowledges the contributions of others and the source of his/her ideas.

Any verbatim text of another author that is used must be placed in quotation marks and quoted accurately.

When you paraphrase and/or summarise the work of others, reflect the exact meaning of the other author's ideas or facts in your own words and sentence structure.

Responsible authors have an ethical responsibility towards readers and the authors from whom they borrow to respect the ideas and words of others and to acknowledge those from whom they borrow – and where possible to use their own words when they paraphrase.

It is **NOT** an excuse that you had not **MEANT** to commit plagiarism, or had not **KNOWN** that you were doing it.

G.1.6.3 Academic dishonesty (Copying from others during assessment opportunities such as test and examination opportunities)

Taking notes (*whether in written or electronic form*) into a test or examination venue (*deliberately or inadvertently*) is a transgression that is classified under academic misconduct. You are not allowed to take any notes or other aids (*including cell phones and electronic media*) into the test/examination venue except for those expressly and clearly allowed in terms of the examination prescripts (*e.g. a mathematical pocket calculator*), by way of an instruction in writing by the examinations section to the invigilator. Therefore ensure before you write a test or examination that you do not have any notes in your possession. Ignorance is no excuse. Even if you have not used the aid(s), the possession thereof during assessment will be regarded in a serious light and steps will be taken against you. Therefore enter the test

[1] *The author acknowledges with gratitude the work of the UK Centre for legal education, Pauline Ridley, University of Brighton, and the University if Pretoria's Plagiarism Prevention Policy on the topic of academic plagiarism.*

venue with only the necessary and permissible aids, such as adequate pens, a pencil, eraser, a transparent ruler and pocket calculator, all placed in a transparent plastic bag.

G.1.6.4 Punishment for transgressions, which is not limited to the two instances discussed above, may include one or a combination of the following:

- expulsion from the University, with or without notice to all or specific other higher education institutions and appropriate occupational or professional bodies;
- suspension from the University for a period of time, subject to conditions which are justifiable on educational grounds and acceptable within the institutional culture of the University;
- permanent expulsion from a residence, or refusal of access to all or some of the buildings, land or services of the University or admission only subject to specific conditions;
- suspension from attending classes for a specific period, either totally or only in respect of specific course units;
- refusal of admission to any examination or test occasion, which includes forfeiture of any marks already obtained and the cancellation of any subject or course unit;
- imposition of a fine, which may not exceed an amount equal to the fees payable by the student for the particular year;
- refusal of readmission to the University for a specific period or permanently, with or without notice to all or specific higher education institutions;
- disallowing of specific privileges as a student, with or without conditions that are justifiable on educational grounds and acceptable within the institutional culture of the University;
- imposition of any other penalty, combination of penalties or suspended penalty that, from the educational point of view and in accordance with the institutional culture of the University, is reasonable and fair in the circumstances; or
- a severe admonition and caution.

G.2 RULES FOR THE DIPLOMA IN SPORT SCIENCE

G.2.1 QUALIFICATION AND PROGRAMME CODE: 832 100 (FULL-TIME)

This diploma is presented full-time at the Potchefstroom, Vaal Triangle and Mafikeng campuses with specializing in different sporting codes.

G.2.2 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a minimum of three (3) years and a maximum of four (4) years

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.2.3 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

In addition to the general admission requirements (General Rules 1.2.2, 1.2.3 and 2.2) and Faculty Rules G.1.2.1 and G.1.2.2, the following admission requirements hold:

a) the student should be in possession of a Senior Certificate issued by the South African Certification Council;

b) an APS-score of at least 16 is required for the diploma,

c) admission to the programme is subject to pre-selection by the School of Biokinetics, Recreation and Sport Science, in collaboration with the relevant specialized sport institute academic.

*Information is subject to change

G.2.4 FACULTY-SPECIFIC REQUIREMENTS

A student who wants to register for the Diploma in Sport Science should, prior to starting the programme has his/her medical fitness for the course determined.

G.2.5 PROGRAMME: SPORT SCIENCE

After completion of the sport science programme students should be able to demonstrate expertise, skills, value and applied skills in various aspects of one specific sport in well-defined and outlined problem solving and illustrative practice-orientated scenarios or case studies and found it with the necessary theories and literature research.

G.2.5.1 Curriculum: Sport Science

G.2.5.1.1 Curriculum outcomes

The purpose of this curriculum is to equip the student with the necessary knowledge and specific skills, competencies, attitudes and ethical attitudes for specific careers within the sport industry, that enable them to grow personally to think critically, to practice economically independently in their areas of competence and to contribute through their work to the development of various facets of sport in a culturally diverse community. The curriculum is developed especially to prepare students and equip them for different careers in the rugby industry, but it also has application value for some careers in the broader contexts of sport.

G.2.5.1.2 Faculty-specific rules for the curriculum

a) A student must have passed the MBXR module in the preceding year before being allowed to register for the module in the following year level;

b) The registration of additional modules taken from the graduate program as allowed by the requirements stipulated in General Rule 3.2.4, does not serve as a guarantee that the student will automatically qualify for acceptance into the graduate program. Such a student most formally apply for acceptance into the graduate program via the admissions office.

G.2.5.1.3 Compilation of curriculum: Sport Science

Qualification and programme code: 832 100; **Curriculum code:** G101P

Year level 1			**Year level 2**			**Year level 3**		
First semester			**First semester**			**First semester**		
Module code		**Cr**	**Module code**		**Cr**	**Module code**		**Cr**
AGLA/E111#	A	-	MBWK216	X	8	MBWK218	X	8
MBWK112	X	12	MBXG114	X	8	MBXR217	X	8
MBXR112	H	12	MBXN211 OR MBXS211 OR MBXT211	X	8	MBXR218	H	16
MBXR114	X	12	MBXR214	X	8	MBXR219	X	8
			MBXR216	H	16			
Total 1st semester		**36**	**Total 1st semester**		**48**	**Total 1st semester**		**40**
Year level 1			**Year level 2**			**Year level 3**		
Second semester			**Second semester**			**Second semester**		
Module code		**Cr**	**Module code**		**Cr**	**Module code**		**Cr**
AGLA/E121	X	12	MBWK223	X	8	MBWK226	X	8
MBXA124 OR MBXC124 OR MBXR124 OR MBXS124	H	12	MBXA225 OR MBXC225 OR MBXR225 OR MBXS225	H	16	MBXA324 OR MBXC324 OR MBXR324 OR MBXS324	H	32
MBXK124	X	12	MBXG221 OR MBXH221	X	8			
PSYC121	X	12	WVGW221	X	12			
Total 2nd semester		**48**	**Total 2nd semester**		**44**	**Total 2nd semester**		**40**
Total Year level 1		**84**	**Total Year level 2**		**92**	**Total Year level 3**		**80**
Credit total of the curriculum								**256**

G.3 RULES FOR THE DEGREE BACHELOR OF ARTS

This qualification can be acquired in one of the programmes and curricula described in rule G.1.2.1 and it must be taken full-time.

G.3.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a minimum of three (3) years and a maximum of four (4) years.

Extension of the study period may be determined according to provisions of General Rule 2.4.6.

G.3.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

The General admission requirements are described according to General Rules 1.2.2, 1.2.3 and 2.2 and further applicable regulations in Faculty Rules G.1.2.1 and G.1.2.2.

a) University admission;

b) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;

   The required APS-scores in terms of each programme are reflected below;

c) **Language requirement**: A pass mark of 50-59%(level 4) in the language of teaching and learning concerning home language or first addisional language level;

d) Prospective students will be subject to a selection process and availability of capacity in the subject field. The best average mark will be taken into consideration.

*Information is subject to change

G.3.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

A student must hold a full Matriculation exemption certificate and an average pass mark of 60% during the matriculation examinations.

G.3.4 PROGRAMME: HEALTH SCIENCES

G.3.4.1 Qualification and programme code: 100 167

After completion of the programme students should:

a) be able to integrate complete and systematic knowledge and skills of Human Movement science or Recreation Science with the principles of Psychology and Tourism Management applicable to sport, health and human development, in obtaining applied capabilities through problem solving, executing projects, dealing with true-life case studies and practice-orientated scenarios;

b) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

   - ★ founding it theoretically; and
   - ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

c) be able to demonstrate that in reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

G.3.4.2 Admission requirements for the program

Required APS-score: 22

G.3.4.3 Specific Faculty requirements

a) Students enrolling for Human Movement Science as major should, prior to starting the course, has his/her medical fitness for the course determined.

b) Students who have completed their Diploma in Sport Science and who want to apply for continuation of study in any of the Human Movement Science graduate programs, must i) adhere to the admission requirements set for the applied program and ii) must have obtained an average mark of 60% up to and including in the 1st semester of the third year in the Diploma program.

c) Students, who want to be considered for Honours selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar.

G.3.4.4 Curriculum: Human Movement Science en Psychology

G.3.4.4.1 Curriculum outcomes

After completion of the curriculum students should:

a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of psychology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios

b) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

c) be able to demonstrate that in reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

G.3.4.4.2 Specific Faculty rules for Curriculum

a) Students should adhere to pre-requisites mentioned in the list of modules G.14, before progressing to follow-up modules.

b) Successful acquisition of the Bachelor of Arts degree gives admission to the honors degree in any of the specialty fields namely Biokinetics, Sport Science, Kinder Kinetics or Psychology, but is subject to a selection process and availability of capacity in the subject field.

G.3.4.4.3 Compilation of Curriculum: Human Movement Science and Psychology

Qualification and programme code: 100 167; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	MBWK216	H	8	MBWK315	H	16
FLGX114	X	12	MBWK217	H	8	MBWK316	H	16
MBWA112	H	12	MBWK219	H	8	PSYC311	H	16
MBWK112	H	12	MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	X	8	PSYC312	H	16
MBWK114	H	12	PSYC211	H	16	WVES311	X	12
PSYC111	H	12	PSYC212	H	16			
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**76**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	MBWK223	H	8	MBWK324	H	16
FLGX124	X	12	MBWK225	H	8	MBWK325	H	16
MBWA122	H	12	MBWK226	H	8	PSYC321	H	16
MBXK124	X	12	MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	X	8	PSYC322	H	16
PSYC121	H	12	PSYC221	H	16			
			WVGW221	X	12			
Total 2nd semester		**60**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total year level 1		**120**	**Total year level 2**		**124**	**Total year level 3**		**140**
Credit total of the Curriculum								**384**

G.3.4.5 Curriculum: Recreation Science and Psychology

G.3.4.5.1 Curriculum outcomes

After completion of this curriculum students should be able to:

Demonstrate critical and creative thinking in the use of science, research and technology with relevant theoretical knowledge (models, theories, etc.) to demonstrate skills and values as

entrepreneurs or employees in the field of adventure therapy by means of integrated projects (case studies, scenarios – problem solving) and added capabilities in community involvement.

G.3.4.5.2 Specific Faculty rules for Curriculum

a) Students should adhere to pre-requisites mentioned in the list of modules G.14, before progressing to follow-up modules.

b) Successful acquisition of the Bachelor of Arts degree gives admission to the honors degree in Recreation Science or Psychology, and is subject to a selection process and availability of capacity in the subject field.

G.3.4.5.3 Compilation of Curriculum: Recreation Science and Psychology

Qualification and programme code: 100 167; **Curriculum code:** G304P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	MBWK218	X	8	PSYC311	H	16
BMAN111	X	12	PSYC211	H	16	PSYC312	H	16
BSWG112	X	12	PSYC212	H	16	RKKX314	H	16
MBWK112	X	12	RKKX214	H	16	RKKX315	H	16
RKKX114	H	12				WVES311	X	12
RKKX115	H	12						
PSYC111	H	12						
Total 1st semester		**72**	**Total 1st semester**		**56**	**Total 1st semester**		**76**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	MBWK226	X	8	PSYC321	H	16
BSWG121	X	12	PSYC221	H	16	PSYC322	H	16
PSYC121	H	12	RKKX224	H	16	RKKX324	H	16
RKKX124	H	12	WVGW221	X	12	RKKX325	H	16
RKKX126	H	12						
Total 2nd semester		**60**	**Total 2nd semester**		**52**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**108**	**Total Year Level 3**		**140**
Credit total of the Curriculum								**380**

G.3.4.6 Curriculum: Recreation Science and Tourism Management

G.3.4.6.1 Curriculum outcomes

After completion of this curriculum students should be able to:

demonstrate critical and creative thinking in the use of science, research and technology with relevant theoretical knowledge (models, theories, etc.) to demonstrate skills and values as entrepreneurs or employees in the field of adventure therapy by means of integrated projects (case studies, scenarios – problem solving) and added capabilities in community involvement.

G.3.4.6.2 Specific Faculty rules for Curriculum

a) Students should adhere to pre-requisites mentioned in the list of modules G.14, before progressing to follow- up modules;

b) Successful acquisition of the Bachelor of Arts degree gives admission to the honors degree in Recreation Science or Tourism Management, but is subject to a selection process and availability of capacity in the subject field.

G.3.4.6.3 Compilation of Curriculum: Recreation Science & Tourism management

Qualification and programme code: 100 167; **Curriculum code:** G305P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	MBWK218	X	8	RKKX314	H	16
KCOM112	X	12	PSYC211	X	16	RKKX315	H	16
PSYC111	X	12	RKKX214	H	16	TMBP311 OR TMBP312	H	16
RKKX114	H	12	TMBP211	H	16	WVES311	X	12
RKKX115	H	12						
TMBP111	H	12						
Total 1st semester		**60**	**Total 1st semester**		**56**	**Total 1st semester**		**60**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	MBWK226	X	8	MBWK324	H	16
BMAN121	X	12	RKKX224	H	16	RKKX324	H	16
PSYC121	X	12	TMBP221	H	16	RKKX325	H	16
RKKX124	X	12	WVGW221	X	12	TMBP321 OR TMBP322	H	16
RKKX126	H	12						
TMBP121	H	12						
Total 2nd semester		**72**	**Total 2nd semester**		**52**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**108**	**Total Year Level 3**		**124**
Credit total of the Curriculum								**364**

G.3.5 PROGRAMME: PSYCHOLOGY AND AFRIKAANS AND DUTCH

G.3.5.1 Qualification and programme code: 100 169

After completion of the programme Psychology and Afrikaans and Dutch, students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:
   - ★ founding it theoretically; and
   - ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

G.3.5.2 Admission requirements for the programme

Required APS-score: 22

G.3.5.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.3.5.4 Curriculum: Psychology and Afrikaans and Dutch

G.3.5.4.1 Curriculum outcomes

To give students the opportunity to obtain degree level skills and applied skills in the field of Psychology and to make them conscious of the added value that language and literature study can offer in the professional field.

G.3.5.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Afrikaans & Dutch if successful in a selection process, and is subject to availability of capacity in the subject field.

G.3.5.4.3 Compilation of Curriculum: Psychology and Afrikaans and Dutch

Qualification and programme code: 100 169; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	AFLL211	H	16	AFLL311	H	32
AFLL111	H	12	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
Select TWO (2): ATSN111 ENLL111 LPRA111 SKRK111	X	12 + 12	**Select ONE (1):** ATSN211 ENLL211 SKRK211	X	16			
PSYC111	H	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**64**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	AFLL222	H	16	AFLL321	H	32
AFLL121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
Select TWO (2): ATSN121 ENLL121 LPRA121 SKRK121	X	12 + 12	**Select ONE (1):** ATSN221 ENLL221 SKRK221	X	16			
PSYC121	H	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**124**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**384**

G.3.6 PROGRAMME: PSYCHOLOGY AND LABOUR RELATIONS

G.3.6.1 Qualification and programme code: 100 170

After completion of the programme Psychology and Labour Relations students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and

- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

G.3.6.2 Admission requirements for the programme

Required APS-score: 22

G.3.6.3 Specific Faculty requirements

Although this programme will allow students the opportunity to apply for admission to Honours in Labour Relations, it will be required that such students pass the following additional modules: IOPS311, IOPS321 and STTN111.

Requests for the recognition of PSYC312 in the place of IOPS321 will only be approved if the student passed PSYC312 with a percentage of at least 60%. If a student wants to continue studies after the Honours degree with a Masters degree in Labour Relations, STTN111 and STTN124 are requires.

Also refer to G.1 of this calendar.

G.3.6.4 Curriculum: Psychology and Labour Relations

G.3.6.4.1 Curriculum outcomes

To promote critical- and creative thinking and the utilization of science and technology, in order to empower students with the required theoretical knowledge and practical skills when entering the labour force as employee in an organization or entrepreneur in the field of Labour Relations and Psychology.

G.3.6.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Labour Relations if successful in a selection process, and is subject to availability of capacity in the subject field.

G.3.6.4.3 Compilation of Curriculum: Psychology and Labour Relations

Qualification and programme code: 100 170; **Curriculum code:** G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	IOPS211	X	16	LARM311	H	16
BMAN111	X	12	LARM211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC211	H	16	PSYC312	H	16
LARM111	H	12	PSYC212	H	16			
PSYC111	H	12						
PUMA112	X	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**48**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	LARM221	H	16	LARM321	H	16
BMAN121	X	12	LAW221	X	12	LARM322	H	16
IOPS121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
PSYC121	H	12						
PUMA122	X	12						
Total 2nd semester		**72**	**Total 2nd semester**		**56**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**120**	**Total Year Level 3**		**112**
Credit total of the Curriculum								**364**

G.3.7 PROGRAMME: PSYCHOLOGY AND ENGLISH

G.3.7.1 Qualification and programme code: 100 171

After completion of the programme Psychology and English students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

G.3.7.2 Admission requirements for the programme

Required APS-score: 22

G.3.7.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.3.7.4 Curriculum: Psychology and English

G.3.7.4.1 Curriculum outcomes

To give students the opportunity to obtain degree level skills and applied skills in the field of Psychology and to make them conscious of the added value that language and literature study can offer in the professional field.

G.3.7.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or English if successful in a selection process, and is subject to availability of capacity in the subject field.

G.3.7.4.3 Compilation of Curriculum: Psychology and English

Qualification and programme code: 100 171; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ENLL211	H	16	ENLL311	H	32
ENLL111	H	12	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
Select TWO (2): AFLL111 ATSN111 LPRA111 SKRK111	X	12 + 12	**Select ONE (1):** AFLL211 ATSN211 SKRK211	X	16			
PSYC111	H	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**64**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	ENLL221	H	16	ENLL321	H	32
ENLL121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
Select TWO (2): AFLL121 ATSN121 LPRA121 SKRK121	X	12 + 12	**Select ONE (1):** AFLL222 ATSN221 SKRK221	X	16			
PSYC121	H	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**124**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**384**

G.3.8 PROGRAMME: PSYCHOLOGY AND GEOGRAPHY & ENVIRONMENT STUDY

G.3.8.1 Qualification and programme code: 100 172

After completion of the programme Psychology and Geography & Environment study, students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:
   - ★ founding it theoretically; and
   - ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

G.3.8.2 Admission requirements for the programme

Required APS-score: 22

G.3.8.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.3.8.4 Curriculum: Psychology and Geography & Environment study

G.3.8.4.1 Curriculum outcomes

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

a) practice as teachers in Geography and Counselling after completion of a post-graduate qualification; and

b) practice in the field of Environmental Management, especially in the field of public participation and social influence studies.

G.3.8.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Geography and Environmental studies if successful in a selection process, and is subject to availability of capacity in the subject field.

G.3.8.4.3 Compilation of Curriculum: Psychology and Geography & Environment study

Qualification and programme code: 100 172; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	GGFS212	H	16	GGFS312	H	32
GGFS112	H	12	PSYC211	H	16	PSYC311	H	16
LARM111	X	12	PSYC212	H	16	PSYC312	H	16
PSYC111	H	12	**Select ONE (1):** LARM211 SOCL211	X	16			
SOCL111	X	12						
TMBP111	X	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**64**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	GGFS222	H	16	GGFS322	H	32
GGFS121	H	12	PSYC221	H	16	PSYC321	H	16
IOPS121	X	12	WVGW221	X	12	PSYC322	H	16
PSYC121	H	12	**Select ONE (1):** LARM221 SOCL221	X	16			
SOCL121	X	12						
TMBP121	X	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**124**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**384**

G.3.9 PROGRAMME: PSYCHOLOGY AND SETSWANA

G.3.9.1 Qualification and programme code: 100 173

After completion of the programme Psychology and Setswana students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

G.3.9.2 Admission requirements for the programme

Required APS-score: 22

G.3.9.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.3.9.4 Curriculum: Psychology and Setswana

G.3.9.4.1 Curriculum outcomes

To give students the opportunity to obtain degree level skills and applied skills in the field of Psychology and to make them conscious of the added value that language and literature study can offer in the professional field.

G.3.9.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Setswana if successful in a selection process, and is subject to availability of capacity in the subject field.

G.3.9.4.3 Compilation of Curriculum: Psychology and Setswana

Qualification and programme code: 100 173; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ATSN211	H	16	ATSN311	H	32
ATSN111	H	12	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
Select two (2): AFLL111 ENLL111 LPRA111 SKRK111	X	12 + 12	**Select one (1):** AFLL211 ENLL211 SKRK211	X	16			
PSYC111	H	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**64**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	ATSN221	H	16	ATSN321	H	32
ATSN121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
Select two (2): AFLL121 ENLL121 LPRA121 SKRK121	X	12 + 12	**Select one (1):** AFLL222 ENLL221 SKRK221	X	16			
PSYC121	H	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**124**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**384**

G.3.10 PROGRAMME: PSYCHOLOGY AND SOCIOLOGY

G.3.10.1 Qualification and programme code: 100 174

After completion of the programme Psychology and Sociology students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences..

G.3.10.2 Admission requirements for the programme

Required APS-score: 22

G.3.10.3 Specific Faculty requirements

Students can only select between the modules SOCL324, SOCL327 and SOCL 328 depending the availability of staff capacity.

Also refer to G.1 of this calendar.

G.3.10.4 Curriculum: Psychology and Sociology

G.3.10.4.1 Curriculum outcomes

To give students the opportunity to obtain degree level skills and applied skills in the field of Psychology and Sociology in functioning as community developers within the local-, provincial- and national governments.

G.3.10.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Sociology if successful in a selection process, and is subject to availability of capacity in the subject field.

G.3.10.4.3 Compilation of Curriculum: Psychology and Sociology

Qualification and programme code: 100 174; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
PSYC111	H	12	SOCL211	H	16	SOCL311	H	16
PUMA112	X	12	**Select ONE (1)** PUMA212 SANL213	X	16	SOCL312	H	16
SANL112	X	12						
SOCL111	H	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**64**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	SOCL221	H	16	PSYC322	H	16
PSYC121	H	12	WVGW221	X	12	***Select Two (2)** SOCL324 SOCL327 SOCL328	H	2 x 16
PUMA122	X	12	**Select ONE (1)** PUMA222 SANL225	X	16			
SANL122	X	12						
SOCL121	H	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**124**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**384**

G.3.11 PROGRAMME: PSYCHOLOGY AND TOURISM MANAGEMENT

G.3.11.1 Qualification and programme code: 100 175

After completion of the programme Psychology and Tourism Management, students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:
   - ★ founding it theoretically; and
   - ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

G.3.11.2 Admission requirements for the programme

Required APS-score: 22

G.3.11.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.3.11.4 Curriculum: Psychology and Tourism Management

G.3.11.4.1 Curriculum outcomes

To promote critical- and creative thinking and the utilization of science and technology, in order to empower students with the required theoretical knowledge and practical skills when entering the labour force as an employee in an organization or entrepreneur in the field of Tourism and Psychology

G.3.11.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Tourism management if successful in a selection process, and is subject to availability of capacity in the subject field.

G.3.11.4.3 Compilation of Curriculum: Psychology and Tourism Management

Qualification and programme code: 100 175; **Curriculum code:** G302P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	BMAN211	X	16	PSYC311	H	16
BMAN111	X	12	PSYC211	H	16	PSYC312	H	16
KCOM112	X	12	PSYC212	H	16	TMBP311 OR TMBP312	H	16
PSYC111	H	12	TMBP211	H	16			
TMBP111	H	12						
Select ONE (1) ATSN111 FREB111 GERB111	X	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**48**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	BMAN221	X	16	PSYC321	H	16
BMAN121	X	12	PSYC221	H	16	PSYC322	H	16
KCOM122	X	12	TMBP221	H	16	TMBP321 OR TMBP322	H	16
PSYC121	H	12	WVGW221	X	12	LARM322	H	16
TMBP121	H	12						
Select ONE (1) ATSN121 FREB121 GERB121	X	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**132**	**Total Year Level 2**		**124**	**Total Year Level 3**		**112**
Credit total of the Curriculum								**368**

G.4 RULES FOR THE DEGREE BACHELOR OF ARTS (SPORT-, HEALTH- AND LEISURE SCIENCE)

This qualification may be acquired in the programme and curriculum described in rule G.1.2.1 and it can be taken full-time.

G.4.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this degree is a minimum of three (3) years and a maximum duration of four (4) years.

Extension of the study period may take place according to the stipulations of General R 2.4.6.

G.4.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

The General admission requirements are described according to General Rules 1.2.2, 1.2.3 and 2.2 and further applicable regulations in Faculty Rules G.1.2.1 and G.1.2.2.

a) University admission;

b) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;

c) The required APS-score is reflected below.

d) **Language requirement**: A pass mark of 50-59%(level 4) in the language of teaching and learning concerning home language or first addisional language level;

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

*Information is subject to change

G.4.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

A student should hold a full Matriculation exemption certificate and an average pass mark of 60% during the matriculation examinations.

G.4.4 PROGRAMME: HUMAN MOVEMENT SCIENCE AND RECREATION SCIENCE

G.4.4.1 Qualification and programme code: 843 100

The programme and curriculum outcomes are mainly discounted in three areas namely: Sport-, Health-, and Leisure Science.

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

a) integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of psychology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios

b) in groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:
   - ★ founding it theoretically; and
   - ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences;

c) demonstrate that in reaching the outcomes, reasoning and communication are based on a pure world and life philosophy and an established value system.

G.4.4.2 Admission requirements for the programme

Required APS-score: 22

G.4.4.3 Specific Faculty requirements

a) A student who register for Human Movement Science as a major should, prior to starting the module have his/her medical fitness for the module determined.

b) Students who have completed their Diploma in Sport Science and who want to apply for continuation of study in any of the Human Movement Science graduate programs, must i) adhere to the admission requirements set for the applied program and ii) must have obtained an average mark of 60% in the 1st semester of the third year in the Diploma program.

c) Students, who want to be considered for Honors selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar.

G.4.4.4 Curriculum: Human Movement Science and Recreation Science

G.4.4.4.1 Curriculum outcomes

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

a) integrate complete knowledge and skills of human movement with the principles of recreation and adventure practices applicable to sport, health and human development in the acquisition of applied skills by problem solving, executing of projects, dealing with true-life case studies and practice-centered scenarios;

b) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences;

c) demonstrate that in reaching the outcomes, reasoning and communication are based on a pure world and life philosophy and an established value system.

G.4.4.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Biokinetics, Sport Science, Kinder Kinetics or Recreation Science if successful in a selection process, and is subject to availability of capacity in the subject field.

G.4.4.4.3 Compilation of Curriculum: Human Movement - and Recreation Science

Qualification and programme code: 843 100; **Curriculum Code:** G317P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	MBWK216	H	8	MBWK315	H	16
FLGX114	X	12	MBWK217	H	8	MBWK316	H	16
MBWA112	H	12	MBWK219	H	8	RKKX314	H	16
MBWK112	H	12	MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	X	8	RKKX315	H	16
RKKX114	H	12	PSYC211	X	16	WVES311	X	12
RKKX115	H	12	RKKX214	H	16			
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**76**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	MBWK223	H	8	MBWK324	H	16
FLGX124	X	12	MBWK225	H	8	MBWK325	H	16
MBWA122	H	12	MBWK226	H	8	RKKX324	H	16
RKKX124	H	12	MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	X	8	RKKX325	H	16
RKKX126	H	12	RKKX224	H	16			
			WVGW221	X	12			
Total 2nd semester		**60**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**120**	**Total Year Level 2**		**124**	**Total Year Level 3**		**140**
Credit total of the Curriculum								**384**

G.5 RULES FOR THE DEGREE: BACHELOR OF SCIENCE

This qualification may be acquired in the programme and curriculum described in rule G.1.2.1 and it can be taken full-time.

G.5.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this degree is a **minimum of three (3) years** and a **maximum duration of four (4) years**.

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.5.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

The General admission requirements are described according to General Rules 1.2.2, 1.2.3 en 2.2 and further applicable regulations in Faculty Rules G.1.2.1 and G.1.2.2.

a) University admission;

b) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;

   The required APS-scores for the different programmes are reflected below.

   Mathematics on level 5 (60-69%) and Physical Science on level 4 (50-59%) will be required for all programmes in the Bachelor of Science (Biological Sciences);

   Mathematics on level 3 (40-49%) or Mathematic Literacy level 4 (50-59%) and Physical Science on level 4 (50-59%) will be required for all programmes in the Bachelor of Science (Health Sciences).

c) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first addisional language level;

*Information is subject to change

G.5.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

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

G.5.4 PROGRAMME: BIOLOGICAL SCIENCES

G.5.4.1 Qualification and programme code: 200 112

In this programme there are curricula of which the major modules resort under both the Faculties of Health Sciences and Natural Sciences.

The curricula composed in this programme give a good basic training in the Health Sciences. In the composition of the curricula consideration was given to career possibilities and occupational needs of our country. These curricula also prepare the student for post-graduate study in the various majors.

The purpose of the BSc degree in Biological Sciences is to contribute to the personal development of students and to give students the opportunity to obtain degree level skills, views and applied scientific competencies.

After following this programme those who had qualified will be able to:

a) demonstrate contextual relevant scientific knowledge and/or competencies and comprehension of it within the broad terrain of the Health Sciences;

b) demonstrate sound scientific knowledge and applied competencies in specific contexts such as schools, work-places and the community in an ethically accountable manner with regard to: basic aid and programme presentation within the context of the various health science subject disciplines;

c) practice the identification and prevention of health problems in such a way that responses will indicate that responsible decisions have been taken by thinking scientifically, critically and creatively;

d) to work from a fortigenic perspective through application of expert knowledge and experience focused on basic preventive and health-promoting interventions;

e) understand the specific behaviour of the various communities in South Africa that can be injurious to health and to investigate it and communicate it in a scientifically accountable way;

f) address the changing indigenous needs, requirements and circumstances of the South African society – be it that of the past or the expected future – and in such a way to demonstrate insight into the world as a collection of related systems;

g) apply contextually relevant health science approaches, methodologies, techniques and skills within a culturally diverse environment in order to facilitate human and organizational development where applicable;

h) effectively work with others at an individual level, as well as together in a team, group, organization and community, and to fulfill a leadership role;

i) effectively, ethically and responsibly apply self-management and management of own activities;

j) collect, analyse and organize information, as well as the critical and grounded evaluation of information, in order to demonstrate insight in the collection of knowledge and coherence of science;

k) effectively apply listening, reading, writing, discourse and argumentation skills;

l) demonstrate language skills by effectively communicating by means of visual and/or audiovisual devices in oral, writing and/or audiovisual presentations;

m) implement acquired expert knowledge, competencies and views in a working environment;

n) develop personally and to contribute to the social and economic development of society by:

   i) knowing and respecting North-West University's views with regard to human nature and practicing science;

   ii) reflection on and continuous investigation of a variety of learning and intellectual strategies in order to learn more effectively and efficiently as lifelong learner;

   iii) exploring educational and occupational possibilities within the field of health sciences as well as the development van entrepreneurial opportunities; and by

   iv) the development of work ethics that includes responsibility, integrity, punctuality, realization of vocation, readiness to serve, accuracy and drive.

G.5.4.2 Admission requirements for the programme

Required APS-score: 26

G.5.4.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.5.4.4 Curriculum: Physiology and Biochemistry

G.5.4.4.1 Curriculum outcomes

After completion of the curriculum the student should have knowledge of:

a) the normal and pathological life phenomena;
b) functioning of the various human systems as well as the integration and coherence thereof;
c) the molecular base of life phenomena and the pathology of congenital defects;
d) the flow of genetic information and energy supply, and
e) health problems in South Africa.

G.5.4.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.
b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Physiology or Biochemistry if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.4.4.3 Compilation of Curriculum: Physiology and Biochemistry

Qualification and programme code: 200 112; **Curriculum Code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	BCHN213	H	16	BCHS316	H	16
CHEM111	X	12	CHEN211	X	8	BCHS317	H	16
DRKS111	X	12	CHEN212	X	8	FLGX312	H	8
FLGX113	H	12	FLGX213	H	16	FLGX313	H	8
FSKS113	X	12	WVNS211	X	12	FLGX314	H	16
WISN111	X	12						
Total 1st semester		**60**	**Total 1st semester**		**60**	**Total 1st semester**		**64**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	BCHN222	H	16	BCHS321	H	16
CHEM121	X	12	CHEN222	X	8	BCHS322	H	16
FLGX123	H	12	CHEN223	X	8	FLGX325	H	16
FSKS123	X	12	FLGX223	H	8	FLGX326	H	16
WISN121	X	12	FLGX224	H	8			
			WVGW221	X	12			
Total 2nd semester		**60**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**120**	**Total Year Level 2**		**120**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**368**

G.5.4.5 Curriculum: Psychology and Computer Science and Information Systems

G.5.4.5.1 Curriculum outcomes

To give students the opportunity to obtain degree level skills and applied scientific competencies in the field of Information technology (Computer Science and Information Systems) and Psychology.

G.5.4.5.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Computer Science and Information Systems or Psychology if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.4.5.3 Compilation of Curriculum: Psychology and Computer Science and Information Systems

Qualification and programme code: 200 112; **Curriculum code:** G305P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ITRW212	H	16	ITRW311	H	16
ITRW112	H	12	ITRW213	H	16	ITRW316	H	16
PSYC111	H	12	PSYC211	H	16	PSYC311	H	16
STTN111	X	12	PSYC212	H	16	PSYC312	H	16
WISN111	X	12						
Total 1st semester		**48**	**Total 1st semester**		**64**	**Total 1st semester**		**64**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	ITRW222	H	16	ITRW321	H	16
ITRW123	H	12	ITRW225	H	16	ITRW322	H	16
ITRW124	H	12	PSYC221	H	16	PSYC321	H	16
PSYC121	H	12	WVGW221	X	12	PSYC322	H	16
STTN121	X	12						
WISN121	X	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**120**	**Total Year Level 2**		**124**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**372**

G.5.4.6 Curriculum: Psychology and Mathematics

G.5.4.6.1 Curriculum outcomes

Give students an opportunity to acquire expert and applied skills on tertiary level in Mathematics and Psychology.

G.5.4.6.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Pre-requisites for the modules in Mathematics, Computer Science and Statistics, as stated in the calendar of the Faculty of natural Sciences also hold for this programme.

c) Successful completion of the Bachelor of Science degree gives admission to honors level study in Psychology or Mathematics if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.4.6.3 Compilation of Curriculum: Psychology and Mathematics

Qualification and programme code: 200 112; **Curriculum code:** G307P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ITRW213	X	16	PSYC311	H	16
ITRW112	X	12	PSYC211	H	16	PSYC312	H	16
PSYC111	H	12	PSYC212	H	16	WISN313	H	16
STTN111	X	12	WISN211	H	8	WISN312	H	16
WISN111	H	12	WISN212	H	8			
Total 1st semester		**48**	**Total 1st semester**		**64**	**Total 1st semester**		**64**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	PSYC221	H	16	PSYC321	H	16
ITRW123	X	12	TGWN223	X	8	PSYC322	H	16
ITRW124	X	12	WISN224	H	8	WISN323	H	16
PSYC121	H	12	WISN226	H	8	WISN322	H	16
STTN121	X	12	WVGW221	X	12			
WISN121	H	12						
Total 2nd semester		**72**	**Total 2nd semester**		**52**	**Total 2nd semester**		**64**
Total Year Level 1		**120**	**Total Year Level 2**		**116**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**364**

G.5.5 PROGRAMME: HEALTH SCIENCES

G.5.5.1 Qualification and programme code: 200 186

After successful completion of the programme, students will be able to:

a) integrate complete and systematic knowledge and skills in Physiology with relevant theories, practices and regulations of Psychology or Nutrition and utilize applied competencies and skills to practice the identification and prevention of health problems in the different communities in South Africa in such a way that responses will indicate that responsible decisions have been taken by thinking scientifically, critically and creatively.

b) demonstrate scientific knowledge and applied competencies in specific contexts such as schools, work-places, research laboratories and the community from an ethically accountable framework with regard to: basic aid and programme presentation within the context of the various health science subject disciplines;

c) effectively work with others at an individual level, as well as together in a team, group, organization and community, and to fulfil a leadership role.

d) collect, analyze and organize information, as well as the critical and grounded evaluation of information, in order to demonstrate insight in the collection of knowledge and coherence science;

e) effectively communicate by means of visual and/or audiovisual devices in oral, writing audiovisual presentations.

G.5.5.2 Admission requirements for the programme

Required APS-score: 24

G.5.5.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.5.5.4 Curriculum: Physiology and Psychology

G.5.5.4.1 Curriculum outcomes

a) To give students the opportunity to obtain degree level skills and applied scientific competencies in the field of Physiology and Psychology in order to focus on basic and preventative interventions with regard to health;

b) After completion of the curriculum, students will have knowledge of:
   i) Normal pathological life phenomena;
   ii) Functioning of different human systems; the integration and coherence thereof;
   iii) Health problems in South Africa.

G.5.5.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Psychology or Physiology if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.5.4.3 Compilation of Curriculum: Physiology and Psychology

Qualification and programme code: 200 186; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	FLGX213	H	16	FLGX312	H	8
CHEM111	X	12	PSYC211	H	16	FLGX313	H	8
FLGX113	H	12	PSYC212	H	16	FLGX314	H	16
FSKS113	X	12	WVNS211	X	12	PSYC311	H	16
PSYC111	H	12				PSYC312	H	16
STTN111	X	12						
Total 1st semester		**60**	**Total 1st semester**		**60**	**Total 1st semester**		**64**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	FLGX223	H	8	FLGX325	H	16
CHEM121	X	12	FLGX224	H	8	FLGX326	H	16
FLGX123	H	12	PSYC221	H	16	PSYC321	H	16
PSYC121	H	12	STTN124	X	12	PSYC322	H	16
BMAN121	X	12	WVGW221	X	12			
Total 2nd semester		**60**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total Year Level 1		**120**	**Total Year Level 2**		**120**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**368**

G.5.5.5 Curriculum: Nutrition and Physiology

No new student intake – curriculum phased out from 2013

G.5.5.5.1 Curriculum outcomes

After completion of the curriculum the student should have knowledge of:

a) the normal and pathological life phenomena;

b) functioning of the various human systems as well as the integration and coherence thereof;

c) alimentary canal processes, the absorption and metabolism as well as the regulating thereof;

d) homeostatic principles;

e) the effect of nutrition on the physiological/pathological processes in the human body, and

f) methods to prevent/solve nutrition-related health problems in individuals and communities.

G.5.5.5.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Nutrition or Physiology if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.5.5.3 Compilation of Curriculum: Nutrition and Physiology

Qualification and programme code: 200 186; **Curriculum Code:** G302P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	BCHN213	X	16	FLGX312	H	8
CHEM111	X	12	FLGX213	H	16	FLGX313	H	8
FLGX113	H	12	MKBX213	X	8	FLGX314	H	16
KCOM112	X	12	VOED211	H	16	VNDL311	H	16
STTN111	X	12	WVNS211	X	12			
Select ONE (1) BMAN111 OR VOED113	X H	12 OR 12						
Total 1st semester		**60**	**Total 1st semester**		**56**	**Total 1st semester**		**60**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	BCHN222	X	16	FLGX325	H	16
ANAS122	X	12	FLGX223	H	8	FLGX326	H	16
CHEM121	X	12	FLGX224	H	8	PSYC321	X	16
FLGX123	H	12	VOED221	H	16	VOED323	H	24
BMAN121	H	12	WVGW221	X	12			
Total 2nd semester		**60**	**Total 2nd semester**		**60**	**Total 2nd semester**		**72**
Total Year Level 1		**120**	**Total Year Level 2**		**116**	**Total Year Level 3**		**132**
Credit total of the Curriculum								**368**

G.5.6 PROGRAMME: HUMAN MOVEMENT SCIENCE AND PHYSIOLOGY

G.5.6.1 Qualification and programme code: 200 187

After completion of the programme students should:

a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of physiology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;

b) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:
   - ★ founding it theoretically; and
   - ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences.

c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

G.5.6.2 Admission requirements for the programme

Required APS-score: 24

G.5.6.3 Specific Faculty requirements

a) A student who register for Human Movement Science as a major should, prior to starting the module have his/her medical fitness for the module determined.

b) Students who have completed their Diploma in Sport Science and who want to apply for continuation of study in any of the Human Movement Science graduate programs must adhere to the admission requirements set for the applied program.

c) Students, who want to be considered for Honors selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar.

G.5.6.4 Curriculum: Human Movement Science and Physiology

G.5.6.4.1 Curriculum outcomes

After completion of the curriculum students should:

a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of physiology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;

b) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:
   - ★ founding it theoretically; and
   - ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences;

c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

G.5.6.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Science degree gives admission to honors level study in any one of the specialist's areas: Biokinetics, Kinder Kinetics, Sport Sciences or Physiology if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.6.4.3 Compilation of Curriculum: Human Movement Science and Physiology

Qualification and programme code: 200 187; **Curriculum code:** G302P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	FLGX213	H	16	FLGX312	H	8
CHEM111	X	12	MBWK216	H	8	FLGX313	H	8
FLGX113	H	12	MBWK217	H	8	FLGX314	H	16
MBWA112	H	12	MBWK219	H	8	MBWK315	H	16
MBWK112	H	12	**Select ONE (1):** MBXA211 MBXN211 MBXS211 MBXT211	X	8	MBWK316	H	16
MBWK114	H	12	WVES311	X	12			
Total 1st semester		**60**	**Total 1st semester**		**80**	**Total 1st semester**		**64**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	FLGX223	H	8	FLGX325	H	16
CHEM121	X	12	FLGX224	H	8	FLGX326	H	16
FLGX123	H	12	MBWK223	H	8	MBWK324	H	16
MBWA122	H	12	MBWK225	H	8	MBWK325	H	16
MBXK124	X	12	MBWK226	H	8			
			Select ONE (1): MBXG221 MBXH221 MBXK221 MBXR221	X	8			
			WVGW221	X	12			
Total 2nd semester		**60**	**Total 2nd semester**		**60**	**Total 2nd semester**		**64**
Total year level 1		**120**	**Total year level 2**		**120**	**Total year level 3**		**128**
Credit total of the Curriculum								**368**

G.5.7 PROGRAMME: HUMAN MOVEMENT SCIENCE AND NUTRITION

G.5.7.1 Qualification and programme code: 200 188

After completion of the programme students should:

a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of nutrition applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;

b) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences;

c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

G.5.7.2 Admission requirements for the programme

Required APS-score: 24

G.5.7.3 Specific Faculty requirements

Students enrolling for Human Movement Science as major should, prior to starting the course, has his/her medical fitness for the course determined.

Students, who want to be considered for Honors selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar

G.5.7.4 Curriculum: Human Movement Science and Nutrition

G.5.7.4.1 Curriculum outcomes

After completion of the curriculum students should:

a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of nutrition applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;

b) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences;

c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

G.5.7.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) ***THIS CURRICULUM PHASE OUT. ONLY STUDENTS REGISTERED BEFORE 2015 ARE ALLOWED TO REGISTER.***

c) Successful completion of the Bachelor of Science degree gives admission to honors level study in any one of the specializing areas: Biokinetics, Kinder Kinetics, Sport Sciences or Nutrition if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.7.4.3 Compilation of Curriculum: Human Movement Science and Nutrition

Qualification and programme code: 200 188; **Curriculum code:** G301P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	FLGX213	X	16	FLGX314	X	16
CHEM111	X	12	MBWK216	H	8	MBWK315	H	16
FLGX113	X	12	MBWK217	H	8	MBWK316	H	16
MBWA112	H	12	MBWK219	H	8	VNDL311	H	16
MBWK112	H	12	**Select ONE (1):** MBXA211 MBXN211 MBXS211 MBXT211	X	8	WVES311	X	12
MBWK114	H	12	VOED211	H	16			
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**76**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	FLGX224	X	8	MBWK324	H	16
CHEM121	X	12	MBWK223	H	8	MBWK325	H	16
FLGX123	X	12	MBWK225	H	8	VOED323	H	24
MBWA122	H	12	MBWK226	H	8			
MBXK124	X	12	**Select ONE (1):** MBXG221 MBXH221 MBXK221 MBXR221	X	8			
VOED122	H	12	VOED221	H	16			
			WVGW221	X	12			
Total 2nd semester		**72**	**Total 2nd semester**		**68**	**Total 2nd semester**		**56**
Total Year Level 1		**132**	**Total Year Level 2**		**132**	**Total Year Level 3**		**132**
Credit total of the Curriculum								**396**

G.5.8 PROGRAMME: PSYCHOLOGY AND NUTRITION

No new student intake from 2014 – programme phased out from 2013

G.5.8.1 Qualification and programme code: 200 189

After completion of the programme students should:

a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;

b) be able to demonstrate competency in practice directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values;

c) In groups or individually attach result driven interpretations to research results through analysis, synthesis and evaluation, by:

- ★ founding it theoretically; and
- ★ communicating it in writing or verbally, by means of Information Technology to laymen or professional audiences;

d) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

G.5.8.2 Admission requirements for the programme

Required APS-score: 22

G.5.8.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.5.8.4 Curriculum: Psychology and Nutrition

G.5.8.4.1 Curriculum outcomes

The student will develop an understanding of the development and functioning of the human being in the context of the diverse society as well as the role of nutrition in health promotion.

G.5.8.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Psychology or Nutrition if successful in a selection process, and is subject to availability of capacity in the subject field.

G.5.8.4.3 Compilation of Curriculum: Psychology and Nutrition

Qualification and programme code: 200 189; **Curriculum code:** G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	FLGX213	X	16	FLGX314	X	16
CHEM111	X	12	PSYC211	H	16	PSYC311	H	16
FLGX113	X	12	PSYC212	H	16	PSYC312	H	16
PSYC111	H	12	VOED211	H	16	VNDL311	H	16
STTN111	X	12						
VOED113	H	12						
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**64**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	FLGX223	X	8	FLGX325	X	16
ANAS122	X	12	FLGX224	X	8	PSYC321	H	16
CHEM121	X	12	PSYC221	H	16	PSYC322	H	16
FLGX123	X	12	RKKX123			VOED323	H	24
PSYC121	H	12	WVGW221	X	12			
VOED122	H	12						
Total 2nd semester		**72**	**Total 2nd semester**		**60**	**Total 2nd semester**		**72**
Total Year Level 1		**132**	**Total Year Level 2**		**124**	**Total Year Level 3**		**136**
Credit total of the Curriculum								**392**

G.6 RULES FOR THE DEGREE BACHELOR OF SCIENCE IN CONSUMER SCIENCES

This qualification may only be taken full-time at the Potchefstroom Campus.

The first objective of the qualification is to equip students through research and knowledge of the consumer with graduate-level expertise and applicable skills in the learning area of Consumer Sciences to optimize the quality of life of the SA consumer by means of education and training.

The second objective of the qualification is to provide the country with graduates who can guide consumers in an educational and advisory capacity to make informed and responsible decisions in order to improve the general quality of life with respect to the three core areas of Consumer Sciences, namely clothing, consumer resources management and food.

G.6.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this degree is a **minimum of three (3) years** and a **maximum duration of four (4) years.**

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.6.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

The General admission requirements are described according to General Rules 1.2.2, 1.2.3 en 2.2 and further applicable regulations in Faculty Rules G.1.2.1 and G.1.2.2.

a) University admission;

b) At least one science subject at level 4 (50-59%) (approved science subjects: Mathematics or Physical or Agricultural and Life Sciences) – an average mark of 70% and higher in Mathematics Literacy will be considered;

c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;

d) An APS score of at least 24.

e) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first addisional language level.

f) Prospective students will be subject to a selection process consisting of the following components:

- Academic achievement;
- An interview with members of a selection panel; and
- Completion of a selection test.

Particulars of the selection requirements and procedures can be obtained from the School Director of Physiology, Nutrition and Consumer Sciences.

Applications must be submitted before 30 June.

*Information is subject to change

G.6.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

Admission is subject to the availability of capacity in the subject field.

G.6.4 PROGRAMME: CONSUMER SCIENCES

G.6.4.1 Qualification and programme code: 845 100

The curricula is composed in this programme gives a good basic training in Consumer Sciences. In composition of the curricula consideration was given to career opportunities and personnel needs of our country.

G.6.4.2 Admission requirements for the programme

Required APS-score: 24

G.6.4.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.6.4.4 Curriculum: Consumer Sciences with Business Management

G.6.4.4.1 Curriculum outcomes

At the end of the studies the graduate is able to do the following:

a) apply a fully rounded knowledge in the learning areas of Food, Fashion and Textiles, and Interior and Housing, apply basic business knowledge in the retail sector to address the consumer's needs and behaviour and apply acquired knowledge and skills in the business industry;

b) identify consumer problems and needs and conduct research on a limited scale;

c) function effectively and sensitively as an individual and in a group in a multidisciplinary and cultural context, inform and advise groups of consumers, guide consumers in an educational capacity to make wise decisions regarding their needs, and act as intra- and entrepreneur;

d) From his/her own well-grounded perspective the student will strive to be subservient, respect his/her fellow man, the creation and authority, and display initiative, creativity, commitment and perseverance, and be aware of the necessity for practicing lifelong learning.

G.6.4.4.2 Specific Faculty rules for Curriculum

Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

Students who are interested in education and entrepreneurship as a career choice as well as for personal development are recommended to complete the following short learning programmes during their study period:

a) Creative product development

b) Soft furniture design (important for students interested in interior decoration)

c) Pattern design (for students interested in fashion design)

d) Basic food preparation and execution of domestic duties

Students may complete all the abovementioned short courses.

Successful completion of the Bachelor of Science in Consumer Sciences degree will give admission to the Honors degree in Consumer Sciences but is subject to a selection process as well as available capacity in the subject field.

STTN111 or an equivalent module could benefit the student in honours studies (General Rule 2.3.3.3) and is recommended.

G.6.4.4.3 Compilation of Curriculum: Consumer Sciences with Business Management

TWO CURRICULA WILL BE OFFERED AS A RESULT OF THE CHANGES IN THE BSC DIETETICS / NUTRITION QUALIFICATIONS WHICH ALSO AFFECT THESE QUALIFICATION. G301P phased out.

Qualification and programme code: 845 100; **Curriculum code:** G301P

CURRICULUM G301P PHASED OUT FROM 2013

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ACCS111	X	16	VGHB311	H	24
BMAN111	X	12	MKBX213	X	8	VKLE312	H	16
FLGX114	X	12	VKLE214	H	16	VVDB313	X	16
VGHB117	H	12	VOED211	X	16	WVES311	X	12
VKLE114	H	12	VVDL213	H	16			
VVDL112	H	12						
Total 1st semester		**60**	**Total 1st semester**		**72**	**Total 1st semester**		**68**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	IOPS121	X	12	BMAN222	X	16
BMAN121	X	12	VGHB221	H	16	VKLE321	H	16
VGHB122	H	12	VOED221	X	16	VVDB324	X	12
VOED122	X	12	WVGW221	X	12	VVDL324	H	16
VVDL123	H	12						
Total 2nd semester		**60**	**Total 2nd semester**		**56**	**Total 2nd semester**		**60**
Total Year Level 1		**120**	**Total Year Level 2**		**128**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**376**

Consumer Sciences with Business Management
Qualification and programme code: 845 100; **Curriculum code:** G303P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ACCS111	X	16	VGHB311	H	24
BMAN111	X	12	MKBX213	X	8	VKLE312	H	16
FLGX114	X	12	VKLE214	H	16	VVBG311	H	16
NUTB112	X	12	VVBG211	H	12	WVES311	X	12
VKLE114	H	12	VVDL213	H	16			
VVDL112	H	12						
Total 1ste semester		**60**	**Total 1ste semester**		**68**	**Total 1ste semester**		**68**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	IOPS121	X	12	BMAN222	X	16
BMAN121	X	12	NUTF221	X	12	NUTF321	X	16
NUTB121	X	12	VGHB221	H	16	VKLE321	H	16
VGHB122	H	12	WVGW221	X	12	VVBG321	H	16
VVDL123	H	12				VVDL324	H	16
Total 2nd semester		**60**	**Total 2nd semester**		**52**	**Total 2nd semester**		**80**
Total Year Level 1		**120**	**Total Year Level 2**		**120**	**Total Year Level 3**		**148**
Credit total of the Curriculum								**388**

G.6.4.5 Curriculum: Consumer Sciences with Tourism Management

G.6.4.6 Curriculum outcomes

At the end of the studies the graduate is able to do the following:

a) apply a fully rounded knowledge in the learning areas of Food, Fashion and Textiles, and Interior and Housing, apply basic business knowledge in the retail sector to address the consumer's needs and behaviour and apply acquired knowledge and skills in the tourism industry;

b) identify consumer problems and needs and conduct research on a limited scale;

c) function effectively and sensitively as an individual and in a group in a multidisciplinary and cultural context, inform and advise groups of consumers, guide consumers in an educational capacity to make wise decisions regarding their needs, and act as intra- and entrepreneur; and

d) from his/her own well-grounded perspective the student will strive to be subservient, respect his/her fellow man, the creation and authority, and display initiative, creativity, commitment and perseverance, and be aware of the necessity for practicing lifelong learning.

G.6.4.6.1 Specific Faculty rules for Curriculum

Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules.

Students who are interested in education and entrepreneurship as a career choice as well as for personal development are recommended to complete the following short modules during their study period:

a) Creative product development

b) Soft furniture design (important for students interested in interior decoration)

c) Pattern design (for students interested in fashion design)

d) Basic food preparation and execution of domestic duties

Students may complete all the abovementioned short courses.

Successful completion of the Bachelor of Science in Consumer Sciences degree will give admission to the Honours degree in Consumer Sciences but is subject to a selection process as well as available capacity in the subject field.

STTN111 or an equivalent module could benefit the student in honours studies (General Rule 2.3.3.3) and is recommended.

G.6.4.6.2 Compilation of Curriculum: Consumer Sciences with Tourism Management

TWO CURRICULA WILL BE OFFERED AS A RESULT OF THE CHANGES IN THE BSC DIETETICS / NUTRITION QUALIFICATIONS WHICH ALSO AFFECT THESE QUALIFICATION. G302P phased out.

Qualification and programme code: 845 100; **Curriculum code:** G302P

CURRICULUM G302P PHASED OUT FROM 2013

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ACCS111	X	16	VGHB311	H	24
TMBP111	X	12	MKBX213	X	8	VKLE312	H	16
FLGX114	X	12	VKLE214	H	16	VVDB313	X	16
VGHB117	H	12	VOED211	X	16	WVES311	X	12
VKLE114	H	12	VVDL213	H	16			
VVDL112	H	12						
Total 1st semester		**60**	**Total 1st semester**		**72**	**Total 1st semester**		**68**

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	IOPS121	X	12	TMBP221	X	16
TMBP121	X	12	VGHB221	H	16	VKLE321	H	16
VGHB122	H	12	VOED221	X	16	VVDB324	X	12
VOED122	X	12	WVGW221	X	12	VVDL324	H	16
VVDL123	H	12						
Total 2nd semester		**60**	**Total 2nd semester**		**56**	**Total 2nd semester**		**60**
Total Year Level 1		**120**	**Total Year Level 2**		**128**	**Total Year Level 3**		**128**
Credit total of the Curriculum								**376**

Consumer Sciences with Tourism Management

Qualification and programme code: 845 100; **Curriculum code:** G304P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			**First semester**			**First semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E111#	A	-	ACCS111	X	16	VGHB311	H	24
FLGX114	X	12	MKBX213	X	8	VKLE312	H	16
NUTB112	X	12	VKLE214	H	16	VVBG311	H	16
TMBP111	X	12	VVBG211	H	12	WVES311	X	12
VKLE114	H	12	VVDL213	H	16			
VVDL112	H	12						
Total 1ste semester		**60**	**Total 1ste semester**		**68**	**Total 1ste semester**		**68**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**		
Second semester			**Second semester**			**Second semester**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA/E121	X	12	IOPS121	X	12	NUTF321	X	16
NUTB121	X	12	NUTF221	X	12	TMBP221	X	16
TMBP121	X	12	VGHB221	H	16	VKLE321	H	16
VGHB122	H	12	WVGW221	X	12	VVBG321	H	16
VVDL123	H	12				VVDL324	H	16
Total 2nd semester		**60**	**Total 2nd semester**		**52**	**Total 2nd semester**		**80**
Total Year Level 1		**120**	**Total Year Level 2**		**120**	**Total Year Level 3**		**148**
Credit total of the Curriculum								**388**

G.7 RULES FOR THE DEGREE BACHELOR OF SOCIAL WORK

The Baccalaureus Social Work degree is a four year degree that enables the student to register and practice as a Social Worker, as required by the Act on Social Service Professions 1978 (Act 110 of 1978). The teaching and training encompass theoretical as well as practical work.

This degree is only presented full-time.

G.7.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a **minimum of four (4) years** and a **maximum of five 5 years.**

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.7.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

The General admission requirements are described according to General Rules 1.2.2, 1.2.3 and 2.2 and further applicable regulations in Faculty Rules G.1.2.1 and G.1.2.2.

a) No student will be allowed into the BSW–programme unless he/she has furnished written proof that he/she has not been convicted of any offence against a child in terms of the

Sexual Offences Act (Act 23 of 1957) and the Criminal Law (Sexual Offences and Related Matters) Amendment Act, 32 of 2007.

b) A student should be in possession of a full Matriculation exemption certificate with an average pass mark of at least 60% during the matriculation examination;

c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.

The required APS-score is 28

d) **Language requirement:** A pass mark of 50-59% (level 4) in the language of teaching and learning concerning home language or first additional language level.

e) Prospective students will be subject to a selection process consisting of the following components:

i) An interview with experts in a selection panel; and

ii) Completion of psychometric selection tests.

Particulars of the selection requirements and procedures can be obtained from the subject group chairperson.

*Information is subject to change

G.7.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

a) If required by the School director, students may be requested to undergo a further selection process before he/she can continue to the following study year. It includes students whose academic performance is, in terms of General Rule 2.4.7, considered to be unsatisfactory.

b) With the view on practical work in the third and fourth study years, it is strongly recommended that a student must be in possession of a driver's license. The University cannot guarantee a placement regarding the mini-internship (BSWG471) for students who do not comply with this requirement.

G.7.4 PROGRAMME: SOCIAL WORK

G.7.4.1 Qualification and programme code: 111 101

The programme is designed to meet the requirements that the South African Council for Social Service Professions sets for the training of social workers. It also takes cognizance of the career opportunities and occupational needs of the country and also prepares students for post-graduate study in Social Work.

The BSW programme outcomes must meet the requirements as set out by the South African Council for Social Service Professions (SACSSP) and contained in Government Gazette No. 24362.

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

a) work within the ambit of the requirements set by the SA Council for Social Service Professions,

b) understand the eco-systems approach and its use in addressing social problems and needs,

c) identify, analyse and assess the social problems and needs experienced by the individuals, families, groups and communities for whom he/she is responsible,

d) contribute to the solving of the identified problems and fulfilment of the identified needs,

e) working effectively with other social workers and members of the multi-professional team, as well as with organisations and communities in direct service delivery,

f) organise and manage him/herself and his/her services and activities responsibly and effectively,

g) collect, analyse, organise and critically evaluate information as far as social work problems and needs in particular are concerned,

h) communicate effectively using visual and language skills in the modes of oral and written persuasion within the sphere of his/her service delivery in particular,

i) use science and technology effectively and critically, showing responsibility towards the environment and the health and welfare of others,

j) contribute to the full development of him/herself and the social and economic development of society at large, by being aware of the importance of:

   i) reflecting on and exploring a variety of strategies to learn more effectively,

   ii) participating as responsible citizens in the life of local communities and regions,

   iii) being culturally and aesthetically sensitive across a range of social contexts,

   iv) exploring education and career opportunities, and

   v) developing entrepreneurial opportunities.

G.7.4.2 Admission requirements for the programme

Required APS-score: 28

G.7.4.3 Specific Faculty requirements

a) No student will be admitted to or allowed to register for a following academic year, unless the student has submitted written proof, at the date of registration, that he/she has not been convicted of any offence against a child, in terms of the Sexual Offences Act (Act 23 of 1957) and the Criminal Law (Sexual Offences and Related Matters) Amendment Act, 32 of 2007.

b) The fees payable for the prescribed modules do not cover all the costs of the prescribed work. The student will be responsible to pay expenses related to practical work during university holidays, block placements and the internship.

c) Students may only change their study programme/curriculum with the written consent of the respective School directors.

d) No student is admitted to the module WKG471/BSWG471 (Mini-internship) unless he/she has passed all modules at the first, second and third levels as well as in the modules of the first semester of the fourth level. Students, who do not meet these requirements, can submit a written request to the School Director to establish authorization for admission to MWKG471/BSWG471. Such a request will not be considered if the incomplete modules fall in the second semester, as this will clash with MWKG471/BSWG471 (mini-internship).

e) Students should prove at the end of their third and fourth years that they have complied with all requirements of the practical works.

f) Due to statutory requirements, no student will be allowed to register for the subject Social Work in the second, third or fourth year, unless registered as a Student Social Worker in terms of the Social Service Professions Act (Act 110 of 1978).

g) Students can only select between the modules SOCL324, SOCL327 and SOCL328 depending the availability of staff capacity.

h) Also refer to G.1 of this calendar.

G.7.4.4 Curriculum: Social Work

G.7.4.4.1 Curriculum outcomes

The student will be skilled in:

a) rendering of therapeutic and development-directed social work services;

b) the utilization of the South African social service rendering system in the rendering of services, and

c) accomplishment of the variety of social work roles required by the S.A. Council for Social Service Professions

G.7.4.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the lists of modules G.14, G14.1 and G14.2 , before progressing to follow-up modules;

b) Modules BSWG312, BSWG313 & BSWG321 must be taken simultaneously;

c) No student is admitted to the module BSWG471 (Mini-internship) unless he/she has passed all modules at the first, second and third levels as well as in the modules of the first semester of the fourth level. Students, who do not meet these requirements, can submit a written request to the School Director to establish authorization for admission to BSWG471. Such a request will not be considered if the incomplete modules falls in the second semester, as this will clash with BSWG471 (mini-internship);

d) Students must sign the prescribed service learning agreement with the practice organisation and University before any BSWG471 (mini-internship) placement can be finalised;

e) Students taking Sociology as choice module in year level 3 must also register for the compulsory critical outcome module (level 7). Students registering for Psychology as the choice module, will be exempted thereof; and

f) Students who received an incomplete mark for the practicum of the following modules will not get admission to the examinations: BSWG211, BSWG221, BSWG222, GSWG312, BSWG313, BSWG321.

G.7.4.4.3 Articulation and exit points

a) **Vertical:** This qualification gives admission to the master's level study at all South African universities, as well as various foreign training authorities, and is subject to selection and the availability of capacity in the subject field.

b) **Horizontal:** This qualification gives admission to any post-graduate qualification/programme for which this degree is accepted as an admission requirement and is subject to selection and the availability of capacity in the subject field.

G.7.4.4.4 Compilation of Curriculum: Social Work

Qualification and programme code: 111 101; **Curriculum code:** G402P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			**First semester**			**First semester**			**First semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA111/ AGLE111#	A	-	BSWG211	H	12	BSWG311	H	8	BSWG411	H	16
BSWG111	H	12	BSWG212	H	8	BSWG312	H	12	BSWG413	H	8
BSWG112	H	12	BSWG213	H	8	BSWG313	H	12	BSWG414	H	8
BSWG113	H	12	PSYC211	H	16	**Select between Psychology or Sociology**			BSWG415	H	12
PSYC111	H	12	PSYC212	H	16	PSYC311 and PSYC312	H H	16 and 16	BSWG416	H	8
SOCL111	H	12	SOCL211	H	16	**OR**			BSWG417	H	8
						SOCL311 and SOCL312	H H	16 and 16	BSWG418	H	8
						*WVLS314	X	12			
Total 1st semester		**60**	**Total 1st semester**		**76**	**Total 1st semester**		**64/ *76**	**Total 1st semester**		**68**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
Second semester			**Second semester**			**Second semester**			**Year modules**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA121/ AGLE121	X	12	BSWG221	H	8	BSWG321	H	12	BSWG471	H	48
BSWG121	H	12	BSWG222	H	8	BSWG322	H	16	BSWG472	H	24
BSWG122	H	12	BSWG223	H	8	BSWG323	H	12			
PSYC121	H	12	BSWG224	H	8	**Select between Psychology or Sociology**					
SOCL121	H	12	PSYC221	H	16	PSYC321 and PSYC322	H H	16 and 16			
			SOCL221	H	16	**OR**					
			WVGW221	X	12	***Select TWO (2)** SOCL324 SOCL327 SOCL328	H H H	16 16 16			
Total 2nd semester		**60**	**Total 2nd semester**		**76**	**Total 2nd semester**		**72**	**Total 2nd semester**		**72**
Total Year Level 1		**120**	**Total Year Level 2**		**152**	**Total Year Level 3**		**136 / 148**	**Total Year Level 4**		**140**
Credit total of the Curriculum											**548 / *560**

 # Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

Students must note the rules as contained in 7.4.4.2 above.

G.8 RULES FOR THE DEGREE BACCALAUREUS PHARMACIAE

This qualification can only be taken full-time at the Potchefstroom campus.

After obtaining the BPharm qualification, the student can register with the South African Pharmacy Board (SAPB) as a pharmacy intern and can he/she complete an internship in any one of the Pharmcy sectors (Community Pharmacy, Hospital Pharmacy or Pharmaceutical Industry). After completion of the internship, a one year community service must be done in the public sector as determined by the department of Health, after which registration as a Pharmacist with the SAPB can commence.

From 2013 the School of Pharmacy presents two curricula within the BPharm programme, namely:

Curriculum G412P – for students who have registered before 2013, and

Curriculum G413P – for students who wanted to register from 2013.

G.8.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a **minimum of four (4) years** and a **maximum of five 5 years.**

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.8.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

General admission requirements stipulated in General Rules 1.2.2, 1.2.3 and 2.2 together with the applicable terms in Faculty Rules G.1.2.1 and G.1.2.2 prevail.

In addition to the general admission requirements the following requirements is applicable to the BPharm programme:

G.8.2.1 For students who obtained a suitable matriculation certificate before 2009

a) An endorsed Senior Certificate issued by the South African Certification Board with full matriculation exemption;

b) a D-symbol in the higher grade(HG) or a C-symbol in the standard grade (SG) for Mathematics during the final matriculation examination;

c) a D-symbol in the higher grade(HG) or a C-symbol in the standard grade (SG) for Natural- and Physical Science during the final matriculation examination;

d) an applicable M-score as determined by the Senate from time to time (for 2008 and earlier it was **19**);

e) admitted by means of a selection process irrespective of the academic level reached by the student;

f) compliance with a screening test; and

g) any further admission requirements as approved from time to time by the Senate.

G.8.2.2 For students who obtained a suitable matriculation certificate in 2009 and afterwards

a) An endorsed Senior Certificate issued by the South African Certification Board with full matriculation exemption

b) Mathematics and Physical Science level 4 (50-59%)

c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.

   An APS-score of at least **28;**

d) **Language requirement:** A pass mark of 50-59%(level 4) in the language of teaching and learning concerning home language or first addisional language level.

e) admitted by means of a selection process irrespective of the academic level reached by the student;

f) compliance with a screening test; and

g) any further admission requirements as determined by the Senate from time to time.

*Information is subject to change

G.8.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

Admission to any level in the BPharm programme, will normally be refused if the student has studied through or at any other university, and **did not pass** all the modules/course units at the first level in Pharmacy, Medicine, Dentistry or Veterinary Science or the courses/programmes of the BSc Med degree or any other similar bachelor degree or diploma in the health sciences in one academic year.

G.8.4 PROGRAMME: PHARMACIAE

G.8.4.1 Qualification and programme code: 800 101

The purpose of the qualification is to scientifically train and equip pharmacists with the necessary knowledge, specific skills and relevant competencies, so that in rendering a professional pharmaceutical service as members of a health team, according to the demands of the time, the needs of the community and international standards, they can make an indispensable contribution to the promotion of health of the population of the Republic of South Africa. In this way students will be given the opportunity to continued, personal, intellectual and professional development in which the country is supplied with a sufficient number of competent pharmacists. The programme is not only directed at intellectual development, equipping and formation of the student but also to her/his general formation as a person.

G.8.4.2 Admission requirements for the programme

Required APS-score: 28

G.8.4.3 Specific Faculty requirements

IMPORTANT NOTICE: The BPharm curriculum G412P may only be followed by students who were already registered for this programme in 2012 (and earlier), or those who have been transferred from G411P to G412P at the end of 2012. Students who wish to register for the programme in Pharmacy in 2013 must register for the new curriculum **G413P**.

a) All current as well as prospective Pharmacy students, to be registered for the programme from 2013, must, at the time of registration, submit proof of immunization against Hepatitis B, being administered during the previous year;

b) A student must register as a pharmacist-student with the South African Pharmacy Board (SAPB) in her/his second year on a date in March of the specific year as determined by the SAPB.

c) Applications of students from other Universities who apply (to start or continue their BPharm studies) at the NWU will not be considered in the following cases:

i) If his/her studies at the previous University was terminated due to poor academic performance;

ii) If his/her studies at the previous University was terminated as a result of poor conduct, academic misconduct or any other relevant transgression of any of the rules of that institution;

iii) If the student has failed any module in the year prior to his/her application at the NWU; and/or

iv) If the student has a poor academic record in general.

d) Also refer to G.1 in this calendar.

G.8.4.4 Curriculum: Pharmaciae

G.8.4.4.1 Curriculum outcomes

(Exit level outcomes [ELO's] according to SAPB)

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

a) Integrate and apply foundational scientific knowledge and principles to pharmaceutical sciences;

b) Apply integrated knowledge of product development and formulation in the compounding, manufacturing, distribution and dispensing of pharmaceutical products

c) Compound, manipulate and prepare medication in compliance with Good Pharmacy Practice (GMP) rules, and/or Good Manufacturing Practice (GMP) guidelines, where applicable.

d) Manage and control the development, manufacture, packaging and registration of pharmaceutical products

e) Manage the logistics of the procurement, storage and distribution of pharmaceutical products.

f) Dispense medication and ensure optimal pharmaceutical care for the patient in compliance with GPP rules.

g) Apply a pharmaceutical care management approach and work as a member of the healthcare team to ensure rational medicine use

h) Initiate and/or modify therapy, where appropriate, within the scope of practice of the pharmacist.

i) Promote public health within the scope of practice of a pharmacist

j) Integrate and apply management skills in the provision of a pharmaceutical service

k) Participate in research to develop products and/or enhance pharmaceutical care programmes and services to patients

G.8.4.4.2 Specific Faculty rules for Curriculum

G.8.4.4.2.1 Curriculum G412P

Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules:

a) *ONLY FOR STUDENTS WHO REGISTERED PRIOR TO 2013 AND ARE CURRENTLY ENROLLED IN CURRICULUM G412P*.

b) A student will not be allowed to continue with **any of the main modules** (marked with an * in the list) unless all modules in year level 1 have been passed.

c) A student will only be admitted to continue with the modules in a specific subject group once all preceding modules in the specific group have been passed in the previous year level(s). (**Example**: A student may only proceed with FKLG311 and FKLG321, if FKLG211 and FKLG221 have been passed.)

d) The academic year for students in year levels 3 and 4 commences three weeks before the start of the normal academic year on the Potchefstroom campus.

e) Students may only register for FKLG311 **if** FPFG311 is taken simultaneously or has been passed.

f) Students may only register for the module FELG421, if the following modules is taken simultaneously, or have been passed: FCHG411, FKLG421, FMSG422, FPFG423 and FPKG425

g) A student may only register for the module FGPO271 **if** FMSG211 and FKLG211 are taken simultaneously or have been passed.

h) A student may only register for the module FGPO371 **if** FGPO271 has been passed **AND** FPFG311 and FPFG321 are taken simultaneously, or have been passed.

i) A student may only register for the module FGPO471 **if** FGPO371 has been passed **AND** FPFG411 and FPFG421 are taken simultaneously, or have been passed.

j) By virtue of the requirements of the South African Pharmaceutical Board, all pharmacy students should during their second to fourth year, conduct 400 hours practice training in total during holidays.

k) The module FGPO471 includes the compulsory attendance of a symposium presented by the School of Pharmacy during the last week of the winter recess. Attendance to the symposium will contribute 20 hours to the compulsory 400 hours practice training as mentioned in par (j).

l) The participation of students in professional activities right from an early stage is of utmost importance since they are preparing themselves for entering the profession.

m) Admission to the examination in FKLG421 (year level 4) will only be awarded to students with a sub minimum of 40% participation mark (as prescribed) and an achievement of 100% during the "Conclusive Outcomes" examination.

G.8.4.4.2.2 Curriculum G413P

Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules:

a) ***ONLY FOR STUDENTS WHO REGISTERED FROM 2013***.

b) A student will only be admitted to continue with the modules in a specific subject group once all preceding modules in the specific group have been passed in the previous year level(s). (**Example**: A student may only proceed with FKLG312 and FKLG322, if FKLG212 **and** FKLG222 have been passed.)

c) A student may only register for modules FFSG421 (Integrated Pharmaceutical Care) and FNPG421 (Pharmaceutical Research Project) if all other modules up to (and including) the first semester of year level 4 have been passed.

d) The academic year for students in year levels 3 and 4 commences three weeks before the start of the normal academic year on the Potchefstroom campus.

e) By virtue of the requirements of the South African Pharmaceutical Board, all pharmacy students should during their second to fourth year, conduct 400 hours practice training in total during holidays.

f) The module FFSG421 includes the compulsory attendance of a symposium presented by the School of Pharmacy during the last week of the winter recess. Attendance to the

symposium will contribute 20 hours to the compulsory 400 hours practice training as mentioned in par (e).

g) The participation of students in professional activities right from an early stage is of utmost importance since they are preparing themselves for entering the profession.

G.8.4.5 Articulation and exit points

a) ***Vertical:*** The BPharm. degree gives admission to post-graduate studies for example MPharm, MSc and PhD degree at the North West University and other national and international universities, but is subject to a selection process.

b) ***Horizontal:*** All the fundamental courses give admission to various BSc programmes at this and other universities. The main modules are to a large extent exchangeable with the modules presented at other Schools of Pharmacy.

c) After completion of year level 2, recognition will be given to the student for the theoretical component of the Basic Diploma as Pharmacist assistant and after completion of year level 3 of the curriculum; recognition will be given for the theoretical component of the Post-basic Diploma as Pharmacist assistant.

G.8.4.5.1 Compilation of Curriculum: Pharmaciae

Both curricula, i.e. G412P and G413P will be reflected in the calendar until the process of phasing out of G412P and phasing in of G413P have been completed.

The module composition of the new curriculum (G413P) significantly differ from the current curriculum (G412P), due to moving module content across semester (1st to 2nd and vice versa) and from one year level to another (to obtain and assure better coherence, integration and structure to the curriculum). Students in curriculum G412 (current in 2012), will be allowed to repeat modules that have been failed in the year previous to the year in which modules in a specific year level are phased out, either by using a 3rd examination opportunity (before the start of the following academic year) or during the 1st or 2nd examination opportunity the following year. Since no classes will be provided in the year after modules have been phased-out, these students will use their participation marks as obtained during the previous year

Phasing in of the new curriculum (G413P) will commence in 2013 on year level 1, followed by year level 2 in 2014, year level 3 in 2015 and year level 4 in 2016. Year level 1 of curriculum G412P was phased out in 2012 and subsequent levels (2-4) will be phased out in 2013 until 2015.

JAAR	YEAR LEVEL 1	YEAR LEVEL 2	YEAR LEVEL 3	YEAR LEVEL 4
2013	**G413P**	G412P	G412P	G412P
2014	**G413P**	**G413P**	G412P	G412P
2015	**G413P**	**G413P**	**G411P**	G412P
2016	**G413P**	**G413P**	**G413P**	**G413P**

Curriculum: Pharmacy

Qualification and programme code: 800 101; **Curriculum code:** G412P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			**First semester**			**First semester**			**First semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA111/ AGLE111#	A	-	BCHF215	X	16	FCHG311	H	16	FCHG411	H	8
BLPS111	X	12	CHEN213	X	8	FGPO371	H	4	FGPO471	H	4
CHEM111	X	12	FGPO271	H	4	FKLG311	H	16	FKLG411	H	16
FLPX112	X	12	FKLG211	H	16	FMSG311	H	16	FMSG411	H	16
FPKG111	H	12	FMSG211	H	16	FPFG311	H	16	FPFG411	H	8
FSKS112	X	12	MKPN211	X	8	FPKG312	H	8	FPKG413	H	16
									WVPS311	H	12
Total 1ste semester		**60**	**Total 1ste semester**		**68**	**Total 1ste semester**		**76**	**Total 1ste semester**		**80**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**			**YEAR LEVEL 4**		
Second semester			**Second semester**			**Second semester**			**Second semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA121/ AGLE121	X	12	FCHG221	H	16	FCHG321	H	16	FELG421	H	8
BLPS121	X	12	FKLG221	H	24	FKLG321	H	16	FKLG421	H	16
CHEM121	X	12	FLPX221	X	8	FMSG321	H	16	FMSG422	H	8
FCAG121	H	12	FMSG222	H	16	FPFG321	H	16	FPFG423	H	16
FLPX122	X	12	WVGW221	X	12	FPKG323	H	8	FPKG425	H	16
Total 2nd semester		**60**	**Total 2nd semester**		**76**	**Total 2nd semester**		**72**	**Total 2nd semester**		**64**
Total Year Level 1		**120**	**Total Year Level 2**		**144**	**Total Year Level 3**		**148**	**Total Year Level 4**		**144**
Credit total of the Curriculum											**556**

 # Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

Curriculum: Pharmacy

Qualification and programme code: 800 101; **Curriculum code:** G413P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			**First semester**			**First semester**			**First semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA111/ AGLE111#	A	-	CHEN213	X	8	FCHG312	H	12	FCHG412	H	16
CHEM111	X	12	FBCG211	H	8	FKLG312	H	16	FKLG412	H	16
FLPX113	X	12	FKLG212	H	16	FMSG312	H	16	FMSG412	H	16
FPKG112	H	12	FMSG212	H	16	FPFG312	H	16	FPFG412	H	16
FPKG113	H	12	FPFG211	H	16	FPKG313	H	16	FPKG414	H	16
MKPN111	X	12	FPKG211	H	16						
Total 1st semester		**60**	**Total 1st semester**		**80**	**Total 1st semester**		**76**	**Total 1st semester**		**80**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
Second semester			**Second semester**			**Second semester**			**Second semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA121/ AGLE121	X	12	FCHG222	H	12	FCHG322	H	16	FFSG421	H	24
CHEM121	X	12	FKLG222	H	16	FKLG322	H	16	FNPG421	H	32
FCAG122	H	12	FMSG223	H	16	FMSG322	H	16	WVPS321		12
FLPX123	X	12	FPFG221	H	8	FPFG322	H	16			
FPFG121	H	12	FPKG221	H	8	FPKG324	H	8			
			WVGW221	X	12						
Total 2nd semester		**60**	**Total 2nd semester**		**72**	**Total 2nd semester**		**72**	**Total 2nd semester**		**68**
Total Year Level 1		**120**	**Total Year Level 2**		**152**	**Total Year Level 3**		**148**	**Total Year Level 4**		**148**
Credit total of the Curriculum											**568**

G.9 RULES FOR THE DEGREE BACHELOR OF SCIENCE (DIETETICS)

This qualification may only be taken full-time at the Potchefstroom campus. The curriculum composed in this programme complies with the requirements of the Professional Board for Dietetics and Nutrition. Students who complete this study successfully may thus register with the Health Professions Council of South Africa as a dietician.

G.9.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a **minimum of four (4) years** and a **maximum of five 5 years.**

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.9.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

General admission requirements stipulated in General Rules 1.2.2, 1.2.3 and 2.2 together with the applicable terms in Faculty Rules G.1.2.1 and G.1.2.2 prevail.

a) University admission;

b) Mathematics level 4 (50-59%) and Natural Science level 4 (50-59%)

c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.

   APS-score of at least 26 is required.

d) **Language requirement**: A pass mark of 50-59%(level 4) in the language of teaching and learning concerning home language or first addisional language level.

e) Prospective students will be subject to a selection process consisting of the following components:

   - Academic achievement; and
   - An interview with a selection panel.

Particulars of the selection requirements and procedures are obtainable from the director of the School for Physiology, Nutrition and Consumer Sciences.

Applications should be submitted by 30 June.

*Information is subject to change

G.9.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

All current as well as prospective students, to be registered for the programme must at the time of registration submit proof of immunisation against Hepatitis A and B, being administered during the previous year.

G.9.4 PROGRAMME: DIETETICS

G.9.4.1 Qualification and programme code: 206 101

The purpose of the qualification is to train and deliver professional dietitians for practice in the extended health market in South Africa. In the light of health problems associated with lifestyle changes, the HIV/AIDS pandemic as well as under and over feeding, good nutrition care for healthy as well as sick people in South Africa is of the utmost importance. The monetary load

on health care services is out of control and one of the most basic principles to stabilise the problem, is that trained dietitians provide good nutrition education and health care on all levels of the community. Furthermore, completion of this qualification prepares graduates for further study at NQF level 9.Admission requirements for the programme.

Required APS-score: 26

G.9.4.2 Specific Faculty requirements

a) Students are legally compelled to register as student dieticians at the Professional Board for Dietetics and Nutrition (HPCSA) at the beginning of the first study year.

b) For practice training in the fourth study year students must be in possession of a driver's license (before the start of the fourth study year).

c) Membership of the professional association (ADSA) is compulsory for all students in the programme from the first year of study.

d) All costs for practice training in the fourth study year is payable by the student.

e) No student in the fourth study year will be allowed to serve on a house committee.

f) Also refer to G.1 of this calendar.

G.9.4.3 Curriculum: Dietetics

G.9.4.3.1 Curriculum outcomes

After completion of the qualification the graduate will:

a) demonstrate extensive and systematic knowledge of the health and disease profile of different South African communities with reference to the nutritional framework and status, agents and organizations involved with local-, national- and international nutrition and related health issues;

b) demonstrate skills to undertake literature searches in obtaining relevant information in order to identify complex, practice orientated nutritional problems, analyse and interpret it and reach conclusions through practical recommendations; and be able to communicate findings in writing by means of appropriate information technology, and verbally to laymen and professional audiences;

c) demonstrate knowledge and critical understanding of the principles & theories in the identification and analysing of health problems in individuals and communities related to nutrition, and to launch, evaluate and document nutrition intervention programmes from a responsible and ethical framework;

d) apply techniques and knowledge with regard to business management in own practices, community nutrition units and food service units as part of a health team; and

e) demonstrate independent learning and management of all relevant resources in order to master the outcomes of this qualification. Specific Faculty rules for Curriculum.

G.9.4.3.2 Specific Faculty rules for Curriculum

a) Students in all year levels (1st to 4th year) will follow the aligned curriculum as from 2014. Provision will be made for students who need to repeat consolidated modules.

b) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules;

c) Modules in year level 4 may only be taken once all the modules as prescribed up to year level 3 have been passed.

d) A participation mark of 50% is required for all modules in year level 4 for admission to examination.

e) After successfully completing the BSc Dietetics degree the student will acquire admission to the MSc degree in Dietetics or Nutrition, but is subject to a selection process on the grounds of academic performance as well as availability of capacity in the subject field. The following admission requirements prevail:

- The student must at least achieve a pass mark of 60% in each of the following modules: NUTT311, NUTT321, NUTR321 and NUTR471 or equivalent modules;
- Descriptive statistics (STTN111) or an equivalent module is a corequisite (General Rule 2.3.3.3).

G.9.4.3.3 Compilation of Curriculum: Dietetics

Qualification and programme code: 206 101; **Curriculum code:** G402P

YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**			**YEAR LEVEL 4**		
First semester			**First semester**			**First semester**			**Year modules**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA111/ AGLE111#	A	-	BCHF215	X	16	BCDT311	X	12	NUTC471	H	32
CHEM111	X	12	FLGX213	H	16	FLGX312	H	8	NUTF471	H	32
FLGX113	H	12	MKBX213	X	8	FLGX314	H	16	NUTR471	H	32
NUTB111	H	12	NUTB211	H	16	NUTP371	H	16	NUTT471	H	40
NUTB112	H	12	NUTP271	H	12	NUTT311	H	24			
VVDL112	X	12	VVDL213	X	16	STTN111	X	12			
Total 1st semester		**60**	**Total 1st semester**		**84**	**Total 1st semester**		**88**			
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**					
Second semester			**Second semester**			**Second semester**					
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA111/ AGLE121	X	12	BCHG221	X	16	NUTC321	H	8			
ANAV121	X	12	FLGX223	H	8	NUTF321	H	16			
CHEM121	X	12	FLGX224	H	8	NUTR321	H	16			
FLGX123	H	12	NUTC221	H	8	NUTT321	H	24			
NUTB121	H	12	NUTF221	H	12	NUTT322	H	8			
VVDL123	X	12	WVGW221	X	12						
Total 2nd semester		**72**	**Total 2nd semester**		**64**	**Total 2nd semester**		**72**			
Total Year Level 1		**132**	**Total Year Level 2**		**148**	**Total Year Level 3**		**160**	**Total Year Level 4**		**136**
Credit total of the Curriculum											**576**

G.10 RULES FOR THE DEGREE BACHELOR OF SCIENCE (NUTRITION)

No new student intake from 2015

This qualification may only be taken full-time at the Potchefstroom campus. The qualification is professional in nature. In developing this qualification, requirements of the Health Professions Council of South Africa (HPCSA), and national and regional needs were taken into consideration. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This qualification prepares the student for further post-graduate studies in Nutrition. This programme gives an opportunity for training which is a prerequisite for registration as a nutritionist with the Professional Board for Dietetics and Nutrition of the Health Professions Council of South Africa (HPCSA).

G.10.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a **minimum of four (4) years** and a **maximum of five 5 years.**

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.10.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

General admission requirements stipulated in General Rules 1.2.2, 1.2.3 and 2.2 together with the applicable terms in Faculty Rules G.1.2.1 and G.1.2.2 prevail.

a) University admission;

b) Mathematics level 4 (50-59%) and Natural Science level 4 (50-59%).

c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.

An APS-score of at least 26 is required.

d) **Language requirement**: A pass mark of 50-59% (level 4) in the language of teaching and learning concerning home language or first addisional language level.

e) Prospective students will be subject to a selection process consisting of the following components:

- Academic achievement; and
- An interview with a selection panel.

Particulars of the selection requirements and procedures is obtainable from the director of the School of Physiology, Nutrition and Consumer Sciences.

Applications should be submitted by 30 June.

*Information is subject to change

G.10.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

All students, to be registered for the programme, must at the time of registration submit proof of immunisation against Hepatitis A and B, being administered during the previous year.

G.10.4 PROGRAMME: NUTRITION

G.10.4.1 Qualification and programme code: 286 100

The purpose of this professional qualification is to provide South Africa with nutritionists who will be able to deliver a professional service to all the people of South Africa and contribute to successfully address nutrition related problems in our country. The professionals apply theoretical knowledge, practical skills and competencies and have the professional attitude to practice their profession using a multi sectoral, interdisciplinary, collaborative and participatory approach in promoting appropriate nutrition and preventing and solving nutrition related disorders/ill-health at all levels in the community and/or public domain via sustainable and equitable improvements in the food and nutrition system.

G.10.4.2 Admission requirements for the programme

Required APS-score: 26

G.10.4.3 Specific Faculty requirements

a) Students are legally compelled to register as student nutritionists with the Professional Board for Dietetics and Nutrition of the HPCSA at the beginning of the first study year.

b) For practice training in the fourth study year students must be in possession of a driver's license (before the start of the fourth study year).

c) Membership of the professional association (NSSA) is compulsory for all students in the programme from the first year of study.

d) All costs for practice training in the fourth study year is payable by the student.

e) No student in the fourth study year will be allowed to serve on a house committee.

G.10.4.4 Curriculum: Nutrition Science

G.10.4.4.1 Curriculum outcomes

After completion of the qualification the graduate will demonstrate: a comprehensive knowledge of the health and disease profile of all the people living in South Africa with reference to nutritional status and nutrition policy; and demonstrate the ability to use evidence-based nutrition information to identify, analyse, interpret, come to conclusions and make recommendations regarding nutrition related problems; the skills and competencies to promote nutrition and develop and manage inter-sectorial programmes and nutrition policies aimed at addressing nutrition problems at all levels of the community and/or public health domain based on ethical principles; comprehensive knowledge, understanding and skills to apply appropriate approaches and techniques to effectively manage time, human resources, finances and operational procedures in food service delivery and project management.

G.10.4.4.2 Specific Faculty rules for Curriculum

a) Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules;

b) Modules in year level 4 may only be taken once all the modules as prescribed up to year level three have been passed.

c) A participation mark of 50% is required for all modules in year level 4 for admission to examination.

d) After successfully completing the BSc Nutrition degree the student will acquire admission to the MSc degree in Nutrition but is subject to a selection process on the grounds of academic performance as well as availability of capacity in the subject field. The following admission requirements prevail:

- The student must at least achieve a pass mark of 60% in each of the following modules: NUTB311, NUTR321 and NUTR471 or equivalent modules;
- Introductive descriptive statistics (STTN111) or an equivalent module is a co-requirement (General Rule 2.3.3.3).

G.10.4.4.3 Compilation of Curriculum: Nutrition Science

No new student intake from 2015

Qualification and programme code: 286 100; Curriculum code: G402P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			**First semester**			**First semester**			**Year modules**		
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA111/ AGLE111#	A		BCHF215	X	16	FLGX314	X	16	FSSM471	H	24
CHEM111	X	12	FLGX213	X	16	LNTP371	H	16	NPCM471	H	24
FLGX113	X	12	LNTP271	H	12	NFSY311	H	16	NPPM471	H	24
NUTB111	H	12	MKBX213	X	8	NUTB311	H	24	NTPH411	H	16
NUTB112	H	12	NUTB211	H	16	STTN111	X	12	NUTR471	H	32
VVDL112	X	12	VVDL213	X	16						
Total 1st semester		**60**	**Total 1st semester**		**84**	**Total 1st semester**		**84**			

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3					
Second semester			**Second semester**			**Second semester**					
Module code	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**	**Module code**	**Type**	**Cr**
AGLA111/ AGLE121	X	12	FLGX223	X	8	KCOM122	X	12	PUMA625	X	16
ANAV121	X	12	FLGX224	X	8	NPRG321	H	16			
CHEM121	X	12	NUTC221	H	8	NUTC321	H	8			
FLGX123	X	12	NUTF221	H	12	NUTF321	H	16			
NUTB121	H	12	SANL225	X	16	NUTR321	H	16			
VVDL123	X	12	WVGW221	X	12						
Total 2nd semester		**72**	**Total 2nd semester**		**64**	**Total 2nd semester**		**68**	**Total**		**136**
Total Year Level 1		**132**	**Total Year Level 2**		**148**	**Total Year Level 3**		**152**	**Total Year Level 4**		**136**
Credit total of the Curriculum											**568**

Pipe line students will be accommodated on ad hoc basis.

G.11 RULES FOR THE DEGREE BACHELOR OF HEALTH SCIENCES IN OCCUPATIONAL HYGIENE

This qualification may only be taken full-time at the Potchefstroom campus. The curriculum of the programme is approved at the Southern African Institute for Occupational Hygiene (SAIOH).. Students who complete this study successfully may apply at SAIOH for registration as an occupational hygienist.

G.11.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a **minimum of four (4) years** and a **maximum of five 5 years.**

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.11.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

General admission requirements stipulated in General Rules 1.2.2, 1.2.3 and 2.2 together with the applicable terms in Faculty Rules G.1.2.1 and G.1.2.2 prevail.

In addition to the general admission requirements the following requirements is applicable to the BHSc Occupational Hygiene:

a) An endorsed Senior Certificate issued by the South African Certification Board with full matriculation exemption;

b) Mathematics and Physical Science level 5 (60-69%)

c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.

   An APS-score of at least **27;**

d) **Language requirement:** A pass mark of 50-59% (level 4) in the language of teaching and learning concerning home language or first additional language level.

e) admission by means of a selection process irrespective of the academic level reached by the student;

f) compliance with a screening test; and

g) any further admission requirements as determined by the Senate from time to time.

h) Please note 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 courses in question. Because of the capacity limitations and the high demand from students for admission to particular fields of study, students will be selected on the basis of their scholastic achievements for admission to these fields.

*Information is subject to change.

G.11.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

Admission to any level in the BHSc Occupational Hygiene programme, will normally be refused if the student has not passed the module prerequisites as stipulated in the module list. Students **MUST** pass all the modules in year levels 1-3 before they will be allowed to register for level 4 modules.

G.11.4 PROGRAMME: OCCUPATIONAL HYGIENE

G.11.4.1 Qualification and programme code: 848 100

The purpose of the four year professional Bachelor of Health Sciences in Occupational Hygiene (BHSc Occupational Hygiene) qualification is to scientifically educate and equip students with the necessary knowledge, specific and specialised skills, including problem solving, and relevant competencies required to become Occupational Hygienists, thus being able to anticipate, recognise, evaluate and control health hazards in the working environment with the objective of protecting worker health and well-being, and safeguarding the community at large.

G.11.4.2 Articulation and exit points

On completion of the BHSc in Occupational Hygiene students can be admitted to a MSc in Occupational Hygiene, after which a PhD degree may be pursued if the prerequisites are met.

G.11.4.3 Admission requirements for the programme

Required APS-score: 27

G.11.4.4 Faculty specific requirements

Also refer to G.1 of this calendar.

G.11.4.5 Curriculum: Occupational Hygiene

G.11.4.5.1 Curriculum outcomes

After successful completion of the prescribed curriculum the student should be able to demonstrate:

a) Integrated knowledge, applied competencies and critical understanding of relevant theories, methodologies and concepts inherent to occupational hygiene.

b) The ability to protect and promote the health and safety of workers in workplaces, and the community at large, on a national and international level within the framework provided by national and international occupational health and safety legislation.

c) The ability to select, evaluate and apply a range of appropriate scientific skills and methods in order to anticipate, recognise, evaluate and control health risks in the workplace with the objective of protecting worker health and well-being, and safeguarding the community at large.

d) The ability to operate effectively within a health and safety team and management system and/or manage a team/system and demonstrate logical and critical understanding of the roles of all participants of this team/system and taking responsibility for task outcomes and the application of appropriate resources.

e) Ethical conduct and accountability in the practice of the occupational hygiene profession.

f) Participate in research to enhance knowledge about occupational hygiene risk factors and develop control programs to protect workers' health.

G.11.4.5.2 Specific Faculty rules for Curriculum

Students should comply with the pre-requisites of modules as stipulated in the list of modules G.14, before progressing to follow-up modules

G.11.4.5.3 Compilation of Curriculum: Occupational Hygiene

G.11.4.5.4 Qualification- and programme code: 848 100; **Curriculum code:** G401P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			**First semester**			**First semester**			**First semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA111/ AGLE111 #	A	12	BCHF215	X	16	BHIG311	H	24	BHIG411	H	16
CHEM111	X	12	BHIG211	H	16	BHIG312	H	24	BHIG412	H	24
FLGX113	X	12	CHEN211	X	8	FLGX313	X	8	BHIG413	H	24
FSKS113	X	12	CHEN213	X	8	FLGX315	X	8			
MKPN111	X	12	FLGX213	X	16	FLGX316	X	8			
STTN111	X	12									
Total 1st semester		**60**	**Total 1st semester**		**64**	**Total 1st semester**		**72**	**Total 1st semester**		**64**
YEAR LEVEL 1			**YEAR LEVEL 2**			**YEAR LEVEL 3**			**YEAR LEVEL 4**		
Second semester			**Second semester**			**Second semester**			**Second semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA121/ AGLA122 #	X	12	BHIG221	H	8	BHIG321	H	24	BHIG421	H	24
CHEM121	X	12	BHIG222	H	8	BHIG322	H	24	BHIG422	H	16
FLGX123	X	12	BHIG223	H	16	FLGX325	X	16	BHIG423	H	16
FSKS123	X	12	BHIG224	H	8	FLGX327	X	16	BHIG 471	H	32
STTN124	X	12	FLGX223	X	8						
			WVGW221	X	12						
Total 2nd semester		**60**	**Total 2nd semester**		**60**	**Total 2nd semester**		**80**	**Total 2nd semester**		**88**
Total Year Level 1		**120**	**Total Year Level 2**		**124**	**Total Year Level 3**		**152**	**Total Year Level 4**		**152**
Credit Total of Curriculum											**548**

G.12 RULES FOR THE DEGREE BACCALAUREUS CURATIONIS

The process of alignment and re-curriculation of this qualification with other campuses will commence as soon as statutory requirements is received from the Statutory Council. Linking modules in other faculties or schools, which have already aligned, have been amended in this curriculum and will be applicable from 2010.

G.12.1 DURATION (MINIMUM AND MAXIMUM DURATION)

The duration of the study for this qualification is a **minimum of four (4) years** and a **maximum of five 5 years.**

Extension of the study period may take place according to the stipulations of General Rule 2.4.6.

G.12.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION

General admission requirements stipulated in General Rules 1.2.2, 1.2.3 and 2.2 together with the applicable terms in Faculty Rules G.1.2.1 and G.1.2.2 prevail.

a) University admission;

b) Physical Science or Life Sciences or Mathematics on level 4 (50-59%)

c) A "job shadowing" (observation) component. Students have to complete "job shadowing" (observation) of 60 hours over a period of 2 weeks in a hospital in the medical (20 hours), surgical (20 hours) and paediatric (20 hours) wards, under the supervision of a Registered Nurse. A report (the template of this report can be obtained from the School of Nursing Science) on this experience have to be submitted to the School of Nursing Sciences before the end of October of the year before commencement of prospective studies

d) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account

An APS-score of at least 25 is required.

e) **Language requirement**: A pass mark of 50-59%(level 4) in the language of teaching and learning on Home Language or First Addisional Language level.

f) Prospective students will be subject to a selection process consisting of the following:

- A paper selection where the requirement of an **APS-score of 25** has been set and;
- Evaluation of Language proficiency (see G1.12 of this calendar)

Particulars of the selection requirements and procedures are obtainable from the director of the School of Nursing Science.

Applications must be submitted by 30 June.

*Information is subject to change

G.12.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS

All current Nursing students and prospective students, to be registered for the programme must at the time of registration submit proof of immunization against Meningitis, Hepatitis A and B, Tetanus and Polio, being administered during the previous year.

G.12.4 PROGRAMME: NURSING SCIENCE

G.12.4.1 Qualification and programme code: 120 101

The BCur programme presents professional and academic training up to NQF level 8 which enables students to register at the South African Nursing Council as a Registered Nurse (General, Psychiatric and Community Nursing) and Midwife in the category community service, and after completion of one calendar year of community service as Registered Nurse (General, Psychiatric and Community Nursing) and Midwife.

Articulation and exit points

It may be possible for a student to exit at NQF level 6 (second year level) and register at the SANC as enrolled nurse under the supervision of a registered nurse to deliver health services, providing that the student passed both first and second years general nursing science modules (theory as well as practicals), with a minimum of 2000 practical hours worked.

G.12.4.2 Admission requirements for the programme

Required APS-score: 25

Students may with written permission of the School Director/Administrative Manager (on the prescribed student request form) change their curriculum during the scheduled period for changes.

Recognition of prior learning will be given, where applicable, by the Faculty committee for recognition of prior learning according to the University policy.

G.12.4.3 Specific Faculty requirements

Also refer to G.1 of this calendar.

G.12.4.4 Curriculum: General, Psychiatric, Community Nursing Science and Midwifery

G.12.4.4.1 Curriculum outcomes

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

Render professional, high quality, scientific founded nursing within the multi-professional healthcare system. Provide a service according to the needs of the time, the province and individual. Focus on service delivery and culture sensitive care, based on the primary health care approach. Continuously strive towards personal and professional growth and health, and facilitation to patients.

G.12.4.4.2 Specific Faculty rules for Curriculum

a) Students in all year levels (1st to 4th year) will follow the new curriculum from 2010. Provision will be made for students who have to repeat consolidated modules.

b) The participation mark for this qualification is constituted as follows:
   - 4 evaluation marks per 8 credit module and
   - 6 evaluation marks per 16 credit module.

c) The repetition of one module per semester will be approved for continuation to the next academic level, provided that there are no timetable conflicts and that the prerequisites of the modules as stated in G.14 were met.

d) WHERE TWO OR MORD MODULES ARE REPEATED IN THE SAME SEMESTER, THE STUDENT WILL NOT BE ALLOWED TO CONTINUE WITH THE NEXT STUDY YEAR.

e) HOWEVER, IF YOU FAIL GENERAL NURSING PRACTICAL MODULES, YOU WILL REMAIN ON THE CLASS LIST AS A REPEATER FOR THE YEAR FAILED. YOU WILL ALSO HAVE TO REPEAT THE WHOLE PRACTICAL YEAR MODULE BEFORE CONTINUATION TO THE NEXT YEAR (REFER TO G.11.4.1).

f) A PRACTICAL MODULE IS PASSED ONLY IF EVERYONE OF THE INDIVIDUAL COMPONENTS / STATIONS / PROCEDURES OF THE OSCE EXAM OPPORTUNITY WERE PASSED, IN OTHER WORDS IF A STUDENT PASSES 2 OUT OF THE 3 COMPONENTS / STATIONS / PROCEDURES AND FAILS ONE COMPONENT / STATION / PROCEDURE, THE STUDENT WILL FAIL THE TOTAL PRACTICAL MODULE, REGARDLESS OF WHETHER THE MARKS SYSTEM INDICATES A PASS MARK.

g) Students must register at the South African Nursing Council;

h) It is recommended that a student should register at a professional subject society to obtain indemnity;

i) If you extend your studies with a year, 50 % of the clinical hours for the year that is repeated (though the practical module passes) will have to be worked again in order to remain competent and as far as it is possible to be accommodated in the timetables.

j) If a student failed a **theory module**, the student needs to repeat **100%** of the module requirements. If a student have to **repeat a practical module,** the student have to **repeat 100% of the assignments/procedures**, but **only 50% of the clinical hours** for

the practical module failed **(providing that the student completed the required amount of hours in the previous year).**

k) The compulsory clinical hours prescribed by the Statutory Council for Midwifery Practice is 1000 clinical hours of which 360 hours to be completed in the third year during VPVP372 and the remaining hours in the first semester of the fourth year during VPVP472.

l) The compulsory clinical hours prescribed by the Statutory Council for Psychiatric Nursing Science Practice (VPEP471) is 1cr = 20 national hours = 28x20 = 560 hours. (A change in credits influence the prescribed clinical hours.)

m) After successfully completing the BCur degree the student will acquire admission to the MCur degree in the respective specializing areas but is subject to a selection process on the grounds of academic performance as well as availability of capacity in the subject field.

G.12.4.4.3 Compilation of Curriculum: General, Psychiatric, Community Nursing Science and Midwifery

Qualification and programme code: 120 101; **Curriculum Code:** G409P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			**First semester**			**First semester**			**First semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA111/ AGLE111#	A	-	FLPV213	X	16	FKLG211	X	16	**VPBP471	H	8
ANAV111	X	12	PSYC211	X	16	VPEK311	H	16	*VPEP471	H	28
			*VPGP271	H	12	*VPGP372	H	8	**VPLS471	H	8
VPFI111	H	16	VPGR211	H	8	VPGS311	H	8	VPNN411	H	8
*VPFP171	H	12	VPGW211	H	8	**VPLS371	H	8	*VPNP471	H	8
VPGI111	H	8	VPWB211	H	16	VPVN311	H	8	VPPF411	H	8
*VPGP171	H	8	*VPWP271	H	16	*VPVP372	H	18	VPVA412	H	16
						*VPXP371	H	16	*VPVP472	H	32
						VPXS311	H	16			
Total 1st semester		**56**	**Total 1st semester**		**92**	**Total 1st semester**		**114**	**Total 1st semester**		**116**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
Second semester			**Second semester**			**Second semester**			**Second semester**		
Module-code	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**	**Module-code**	**Type**	**Cr**
AGLA121/ AGLE121	X	12	BCHG221	X	16	VPEV321	H	16	VPBB421	H	8
ANAV121	X	12	FLPV222	X	8	VPNN323	H	8	VPER421	H	16
MKBN121	X	12	SOCL222	X	16	VPVB321	H	16			
VPFB121	H	16	VPGO221	H	8	VPXS321	H	16			
VPGR122	H	8	VPVI222	H	8						
			VPWG221	H	16						
Total 2nd semester		**60**	**Total 2nd semester**		**72**	**Total 2nd semester**		**56**	**Total 2nd semester**		**24**
Total Year Level 1		**116**	**Total Year Level 2**		**164**	**Total Year Level 3**		**170**	**Total Year Level 4**		**140**
Credit total for Curriculum											**590**

G.13 RULES FOR THE BACCALAUREUS CURATIONIS (EDUCATIONIS ET ADMINISTRATIONIS)

Qualification Code: 829 100T (Telematic)

THIS PROGRAMME WILL BE PHASED OUT.

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

b) If a professional nurse, this degree leads to further registration of qualifications in Nursing Science Education and Nursing Science Management at the South African Nursing Council.

c) If in nursing the BCur (Ed et Adm) degree is only accessible to the professional nurse's category.

d) This qualification can only be obtained in Health Science Education and Health Service Management by means of the Telematic Programme.

G.13.1 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 (General Rule G.1.2.6) 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 level/ 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 in multiples of eight 8. A credit represents the expected hours of study (one credit equals 10 study hours) a student will spend to achieve the specified outcomes.

G.13.2 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.13.3 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 evidence of prior learning: academic records and module outcomes (syllabi).

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.13.4 REGISTRATION

a) A student should apply for admission to a specific programme (General Rule 2.2).

b) A student registers annually for a specific programme and curriculum according to the rules of the specific programme.

c) Registration for a programme or curriculum can be changed on provision that the prescribed procedure is honored (General Rule 2.3.6).

G.13.5 DURATION OF STUDY

The minimum duration of study is **(3) three years** and the maximum duration is **(4) four years**.

G.13.6 PROGRAMME: NURSING SCIENCE/HEALTH SCIENCE

a) This programme offers health professionals the opportunity to enhance their knowledge and skills in health service management and health science education.

b) It offers professional nurses the opportunity to register at the South African Nursing Council with additional qualifications in Nursing Science Education and Nursing Science Management. It serves as a basis for postgraduate studies, and enhances personal and professional growth- and development.

G.13.6.1 ADMISSION REQUIREMENTS

G.12.6.1.1 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.

G.12.6.1.2 In order to be admitted for curriculum G318T, the student should:

G.12.6.1.3 If a **professional nurse** be:

a) in possession of an applicable diploma in general nursing science and an additional qualification;

b) registered as professional nurse with the South African Nursing Council;

c) submit the current year's South African Nursing Council receipt.

G.12.6.1.4 If a **health professional** be:

a) in possession of an applicable diploma/degree in health science.

G.12.6.1.5 If a student who successfully completed the Advanced University Diploma in Health Science with two specialties at the North-West University, should wish to proceed with the BCur (Ed et Adm), a maximum of EIGHT (8) theory modules can be credited on a written request and payment of the applicable fees.

G.13.6.2 LIST OF MODULES

Module code	Descriptive name	Credits	Assumed learning requirements
BSKT111	Introduction to Psychology in Work Context	16	NONE
BSKT221	Personnel Psychology	16	NONE
BSOT221	Occupational Sociology	16	NONE
BSOT321	Labour Relations	16	NONE
IOPS311	Organizational Psychology	16	NONE
NSDT111	Health Science Dynamics	16	NONE
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: Practical	16	NONE

Module code	Descriptive name	Credits	Assumed learning requirements
NSET311	Health Science Education: Theoretical and Philosophical Foundations	24	NONE
NSET321	Health Science Education: Contemporary Issues	24	NONE
NSFT121	Financial Health Management	16	NONE
NSGT121	Sociology: Introduction B	16	NONE
NSMT211	Unit/Clinic Management	16	NONE
NSMT221	Human Resource Management	16	NONE
NSMT271	Health Service Management: Practical	16	NONE
NSMT311	Strategic Management	24	NONE
NSMT321	Contemporary Issues	24	NONE
NSRT121	Health Science Research	16	NONE
OBAD112	Introduction to Public Management	16	NONE
VWTL311	Philosophy of Science	8	NONE

Year modules must be registered in the first semester.

G.13.6.3 Curriculum: Health Science Education and Health Service Management

G.13.6.3.1 Curriculum outcomes

On completion of the BCur (Ed et Adm) degree the student should be capable of:

a) acting as a leader and member of the multi-professional team in a multi-cultural health practice;

b) maintaining personal and professional excellence and competence through continuing education;

c) creating a context conducive to learning by facilitation of learning through performance as reflective practitioner and role model, with a positive attitude towards life and learning;

d) appreciating the value and influence of a personal- and professional philosophy as guide to decision making and practice in order to participate in the formulation of policy statements for practice;

e) assessing, implementing and evaluating new trends on national and international level in order to improve the quality of health science;

f) functioning as a health care manager within different health care facilities at different levels of management;

g) utilizing the principles of participative management and networking, participating in strategic management, project management, environmental forecasting and internal analysis in order to render high quality health care; and

h) participating in basic research activities to expand the knowledge base of Health Science and improve the quality of health care.

G.13.6.3.2 Articulation and exit point

a) Students may apply for recognition of credits for modules completed at other universities.

b) If a student wishes to register for the BCur (Ed et Adm) degree, after completion of the Advanced University Diploma in Health Science (one year), credit will be given on written request from the student, and payment of the prescribed fees, for a maximum of eight 8 theoretical modules completed.

c) On successful completion of the second year of the BCur (Ed et Adm) degree, the student can exit with an Advanced University Diploma in Health Science (one year).

G.13.6.3.3 Additional rules

a) Professional nurses registered for the Health Science modules must also 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.13.6.3.4 Curriculum G318T: Health Science Education and Health Service Management

YEAR/LEVEL 1		YEAR/LEVEL 2		YEAR/LEVEL 3	
FIRST SEMESTER		**FIRST SEMESTER**		**FIRST SEMESTER**	
Code	**CR**	**Code**	**CR**	**Code**	**CR**
BSKT111	16	NSET211	16	IOPS311	16
NSDT111	16	NSET271	16	NSET311	24
NSET111	16	NSMT211	16	NSMT311	24
OBAD112	16	NSMT271	16	VWTL311	8
Total 1st semester	**64**	**Total 1st semester**	**64**	**Total 1st semester**	**72**
SECOND SEMESTER		**SECOND SEMESTER**		**SECOND SEMESTER**	
Code	**CR**	**Code**	**CR**	**Code**	**CR**
BSKT221	16	BSOT221	16	BSOT321	16
NSFT121	16	NSET221	16	NSET321	24
NSGT121	16	NSMT221	16	NSMT321	24
NSRT121	16				
Total 2nd semester	**64**	**Total 2nd semester**	**48**	**Total 2nd semester**	**64**
Total level 1	**128**	**Total level 2**	**112**	**Total level 3**	**136**
TOTAL CREDITS FOR THE CURRICULUM					**376**

G.13.6.4 EXAMINATION

G.13.6.4.1 Examination occasions

The examination occasions and related rules are regulated in accordance with General Rule 2.4.4.

G.13.6.4.2 Composition of participation mark

a) The participation mark for a module (General Rule 2.4.2) will be made up inter alia from continuous assessment by means of a minimum of two assignments, a test and interactive participation during 75% attendance of the contact sessions. Evidence of participation is compiled by all three mentioned aspects.

b) The participation mark calculated from the evidence of participation contributes 40% towards the final mark.

c) The completed prescribed practica modules are processed as “successful attendance”.

d) The participation mark is calculated from the two assignments (50%) and the test (50%).

G.13.6.4.3 Admission to the examination

a) Admission to the examination in any module will take place by obtaining evidence of participation (General Rule 2.4.2).

b) Evidence of participation, which grants admission to the examination, will only be issued after a student has complied, to the satisfaction of the Director of the School, in consultation with the relevant subject group chair. The requirements for it are set out in the study guide of the relevant module.

G.13.6.4.4 Module mark

a) The module mark (General Rule 2.4.3.1) is calculated at the ratio between the participation mark and the examination mark as set out in the module outcomes (see G.14 = the syllabi in the back of this calendar). For Health Science modules it will consist of 40% build up during evidence of participation and 60% from the examination mark.

b) The completed prescribed practica modules are processed as “successful attendance”.

G.13.6.4.5 Pass requirements of a module and a curriculum

The provisions of General Rule 2.4.3 and all the subparagraphs apply.

a) The subminimum for all modules in which examinations are written is 40% (General Rule 2.4.3.3).

b) The pass requirement for a module in which examinations are written is a module mark of 50% (General Rule 2.4.3.1).

c) Consideration of the adaptation of the module mark of a first semester module in which an examination has been written but not passed will be done in accordance with the provisions of General Rules 2.4.3.2 and 2.4.3.4.

d) A curriculum is passed by separately passing all the modules of which the curriculum is comprised (General Rule 2.5.1).

e) General Rule 2.5.2 governs the requirements for passing a module/ curriculum with distinction.

G.13.6.4.6 Progress in a programme and curriculum based on assumed learning outcomes

a) A module of any subject may only be taken if the student has already complied with the prescribed assumed learning outcomes, as provided for in General Rules 2.3.3.

b) General Rule 2.3.4 determines the number of credits in a next semester for which a student may register without the permission of the dean.

G.13.6.4.7 Termination of studies

The studies of a student may be terminated (General Rule 2.4.8).

G.14 LIST OF MODULES AND FACULTY SPECIFIC REQUIREMENTS

The following modules are part of the different qualifications and programmes offered in the Faculty of Health Sciences.

Students registered in the professional programmes will only be admitted to continue with the modules in year level 4 once all preceding modules have been passed in the previous year level(s).

The module outcomes will be presented at G.14 of this calendar.

G.14.1 FACULTY SPECIFIC REQUIREMENTS

G.14.1.1 Afrikaans and Dutch

a) Admission to Afrikaans: Language Without Borders (AFLL111) and Afrikaans and Dutch Language and Literary Studies (AFLL121), requires at least a level 4 for Afrikaans as home language, or a level 5 for Afrikaans as first additional language for grade 12.

b) Teaching the elective modules AFNE211 and AFNE213 in a particular year, may be influenced by the number of students who register for the module as well as the research duties and sabbatical leave of the relevant lecturers. Students may be required to do additional work in Dutch for the approval of the subject group.

c) Students who comply with the entrance requirements for AFLL111 and 121, but still experience communication problems, will be referred to the Chairperson for the Subject Group Afrikaans and Dutch.

G.14.1.2 Academic Literacy

Students who are regarded as at-risk cases must register for the module AGLA111 [Afrikaans] or AGLE111 [English] depending upon the language in which the compulsory skills test was written.

G.14.1.3 German

a) GERM111 and GERB111 are beginners courses. No prior knowledge of German is required to register for these modules, but students must have a matriculation exemption certificate.

b) Students who passed matric German with a final mark of 65% or higher or have obtained a certificate equal to level A2 of the Common European Framework of Reference for Languages from an accredited language learning institution may not register for GERM111/121 or GERB111/121. They may register for GERM211/221. If this qualification has been obtained more than 2 years prior to registration for French, an admission test is required. The results of this test will determine whether a student will be allowed to register for GERM111/121 or GERB 111/121 or GERM211/221. Allowances could be made under exceptional circumstances after having consulted with the subject chairperson.

c) Students with prior knowledge of German, but who do not have official proof of proficiency, will be required to partake in an admission test. The results of this test will determine whether a student will be allowed to register for GERM111/121 or GERB111/121 or GERM211/221.

d) The credits of the modules from which the student has been exempted, are not awarded.

e) Students who have passed GERB111 and 121 will be allowed to continue with GERM211/221.

f) Credits cannot be obtained for both GERM111 and GERB111 neither for both GERMN121 and GERB121.

G.14.1.4 English

a) ENLS111 (practical module): It is strongly recommended that students with a matriculation result below 60% in English as a second language (L2), or a result below 50% in English as a first language (L1) should register for this module.

b) ENLL111 (academic module): It is strongly recommended that students with a matriculation result of 60% or more in English as a second language (L2), or a result of 50% or more in English as first language (L1) should register for this module.

c) ENLL121: To register for the second semester academic module (ENLL121), a student must have obtained a mark of 60% or more for the corresponding module of the first semester (ENLL111). Students who failed to obtain 60% or more for ENLL111 will be transferred to the practical module of the second semester (ENLS121). However, the English subject group can consider special cases for admission to ENLL121.

d) Students who are registered for the academic modules are required to report for supplementary reading evaluations in the reading laboratory. Students who have not achieved the required skills level will have to follow supplementary reading programmes.

G.14.1.5 Pharmacy

As the result of the new BPharm curriculum (G413P), which commence in 2013 and runs concurrently with curriculum G412P (currently being phased-out), both lists of modules will be reflected in the calendar until the process of phasing out has been completed.

See pt 8.4.4.2 in this calendar.

G.14.1.6 Physics

FSKS113 and FSKS123 is service modules for students who do not want to continue with physics on second and third year level.

G.14.1.7 Physiology

a) Students can not request recognition for FLGX113 on the grounds that FLGX114 or FLPX113 have been successfully completed, or visa versa.

b) Students can not request recognition for FLGX123 on the grounds that FLGX124 or FLPX123 have been successfully completed, or visa versa.

c) Students can not request recognition for module FLPX113 on the grounds that FLGX113 or FLGX114 have been successfully completed, or visa versa.

d) Students can not request recognition for module FLPX123 on the grounds that FLGX123 or FLGX124 have been successfully completed, or visa versa.

e) In modules FLGX123, FLGX213 and FLGX314 platannas and rats are used during practical training.

f) In modules FLPX123 and FLPX221 platannas are used during practical training.

G.14.1.8 French

a) FREN111 and FREB11 are beginners courses. No prior knowledge of French is required to register for these modules, but students must have a matriculation exemption certificate.

b) Students who passed matric French with a final mark of 65% or higher or have obtained a certificate equal to level A2 of the Common European Framework of Reference for Languages from an accredited language learning institution may not register for FREN111/121 or FREB111/121. They may register for FREN211/221. If this qualification has been obtained more than 2 years prior to registration for French, an admission test is required. The results of this test will determine whether a student will be allowed to register for FREN111/121 or FREN211/221. Allowances could be made under exceptional circumstances after having consulted with the subject head.

c) Students with prior knowledge of French, but who do not have official proof of proficiency, will be required to partake in an admission test. The results of this test will determine

whether a student will be allowed to register for FREN111/121 or FREN211/221.

d) The credits of the modules from which the student has been exempted, are not awarded.

e) Students who have passed FREB111 and 121 will be allowed to continue with FREN211/221.

f) Credits cannot be obtained for both FREN111 and FREB111 neither for both FREN121 and FREB121.

G.14.1.9 Geography and Environment Studie

a) Students who fail GGFS111 in 2013, repeat the module in 2014.

b) Students who fail GGFS211 in 2013 will have to pass GGFS222 in 2014.

c) Students who fail GGFS221 in 2013 will have to pass GGFS212 in 2014

d) Students who fail GGFS311 in 2013, repeat the module in 2014.

e) Students who fail GGFS321 in 2013, repeat the module in 2014.

G.14.1.10 Social Work

a) + Modules, BSWG312, BSWG313 and BSWG321 must be taken simultaneously.

b) Students must pass ALL modules in year level 1 to 3 before they will be allowed to progress and register for year level 4.

c) Students taking Sociology as choice module in year level 3 must also register for the compulsory critical outcome module in year level 3 (WVLS314). Students registering for Psychology as the choice module, will be exempted thereof.

d) Students who do not get a final mark for the practicum of the following modules will not get admission to examinations: BSWG211, BSWG221, BSWG222, BSWG312, BSWG313, BSWG321 and BSWG471.

G.14.1.11 Setswana (Third Language)

Students who passed a Sotho language like Tswana, Southern Sotho or Northern Sotho as home language in the grade 12 examination, or who have one of these languages as their mother tongue, may not register for the Third Language courses in Setswana (ATSN111, ATSN121).

G.14.1.12 Creative Writing

a) Admission to SKRK111 may require the submission of a creative piece of writing which will be screened by the chairperson of the subject group.

b) Admission to SKRK211,221,311 and SKRK321 is subject to selection.

c) In order to register for SKRK321, all the preceding modules must have been passed.

d) Due to staff capacity, Afrikaans is the primary target language of all modules in Creative Writing and students should be fluent in Afrikaans in order to register for these modules. Study guides for the first level modules, however, will also be available in English.

G.14.1.13 Sociology

The choice between SOCL324, SOCL327 and SOCL328 will depend on availability of staff capacity.

G.14.1.14 Sport Science & Human Movement Sciences

a) Students who want to register for Sport Science or Human Movement Sciences modules should, prior to starting the programme has his/her medical fitness for the course determined.

b) MBXN211, MBXK221 and MBXR221 is not applicable to the Diploma in Sport Science.

c) Students must have passed the MBXR module in the preceding year before being allowed to register for the module in the following year level.

d) Students who want to be considered for Honours selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

e) Students may not register for MBWK315 if a minimum of 40% was not obtained for MBWK225.

G.14.1.15 Tourism Management

If a student registers for TMBP311, TMBP321 must be taken in the second semester. The same apply to TMBP312 and TMBP322.

G.14.1.16 Translation Studies

a) Students who major in Translation and Interpreting Studies should preferably select a language as a second major, and should have at least one other language at second year level.

b) It is strongly recommended that at least two languages should be presented at second year level with Translation and Interpreting Studies at third year level.

c) Students have a choice in the second semester of the third year between LPRA321 and LPRA322. The internship will be undertaken at the Directorate of Language Affairs of the Potchefstroom campus of the NWU.

d) Students who plan to complete their internship in interpreting (LPRA322) are advised to participate in the activities of the Directorate Language Affairs of the Potchefstroom campus of the NWU during their second year.

e) Afrikaans is the primary target language of the translation modules in Translation and Interpreting Studies and students should be fluent in Afrikaans in order to register for these modules.

G.14.1.17 Mathematics

A student who wishes to take any of the courses in Mathematics, except for Mathematical Techniques (WISN112 or WISN113), must have obtained at least 50% (level 4) for Mathematics in the Gr. 12 examination or at least 60% (level 5) in another examination in Mathematics regarded by the Senate as equivalent to the above.

Remarks:

a) Students who do not meet these requirements, but have obtained at least 40% (level 3) in the grade 12 examination or at least 50% (level 4) in another examination in Mathematics deemed by the Senate as equivalent to the above, are permitted to a refresher course in Mathematics that will be offered in January by the School of Computer, Statistical and Mathematical Sciences. If such students perform adequately in the tests that are written during this course, they may be considered for admission to studies in Mathematics modules for the B.Sc. degree.

b) Prospective students who do not meet the matriculation requirements to enrol for WISN111, and who also have not attended the refresher course, may obtain permission to WISN111 in the second study year by passing the appropriate module in Mathematical Techniques (WISN112, WISN113 or WISN123) in the first study year, on condition that students who acquire permission along this route to programmes that would have been otherwise inaccessible, have to take into consideration that they might not be able to complete their studies in the minimum period.

c) A student who wishes to take Mathematical Techniques (WISN112, WISN113 or WISN123), must have obtained at least 40% (level 3) for Mathematics in the grade 12 examination or at least 50% (level 4) in another examination in Mathematics deemed by the Senate as equivalent to the above.

G.14.1.18 WVGW221 – Know and understand the world of health

Students must be at least a historic second year at university or academic second year before they can register for this module. The Transdisciplinary nature of this module requires a certain exposure of the student to his / her own professional field to make a meaningful contribution to the Transdisciplinary problem solving of a health dilemma. The above mentioned forms the essence of the module.

G.14.2 LIST OF MODULES

Module code	Descriptive name	Prerequisites	Credits
ACCS111	Financial Accounting (Special) – Basic Concepts, Accounting Cycle and Accounting Systems		16
AFLL111	Afrikaans: Language without borders	G.14.1.1	12
AFLL121	Afrikaans and Dutch language and literary study: Text and context – the language of texts		12
AFLL211	Afrikaans and Dutch language and literary studies	AFLL121	16
AFLL222	Afrikaans and Dutch: Frameworks for language and literary study	AFLL211 (40PM)	16
AFLL311	Afrikaans and Dutch: Perspectives on language and literature (1)	AFLL222	32
AFLL321	Afrikaans and Dutch: Perspectives on language and literature (2)	AFLL311 (40PM)	32
AGLA/E111	Introduction to academic literacy	G.1.3 & G.14.1.2	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
ANAV111	Anatomy I		12
ANAV121	Anatomy		12
ATSN111	Setswana: Introduction to Grammatics and Language proficiency	G.14.1.11	12
ATSN121	Setswana: Grammatics and Language proficiency	ATSN111 (40PM)	12
ATSN211	Setswana: Grammatics, Phonetics and Language proficiency	ATSN121	16
ATSN221	Setswana: Grammatics, traditional literature and Language proficiency	ATSN211 (40PM)	16
ATSN311	Setswana: Morphology, syntax, poetry and language proficiency	ATSN221	32
ATSN321	Setswana: Phonology, prose, drama and language proficiency	ATSN311 (40PM)	32
BCDT311	Biochemistry for Nutrition	CHEM111 CHEM121	12
BCHF215	Biochemistry for Health Sciences	CHEM111 CHEM121	16
BCHG221	Clinical Biochemistry		16
BCHN213	Introductory Biochemistry	CHEM111 CHEM121	16

Module code	Descriptive name	Prerequisites	Credits
BCHN222	Metabolism A	CHEM111 CHEM121	16
BCHS316	Enzymology	BCHN222 CHEN211 CHEN212 CHEN222 CHEN223	16
BCHS317	Molecular Biology	BCHN213 CHEN211 CHEN212 CHEN222 CHEN223	16
BCHS321	Analytical Biochemistry	BCHS317 CHEN211 CHEN212 CHEN222 CHEN223	16
BCHS322	Independent Project	BCHS316 BCHS317 CHEN211 CHEN212 CHEN222 CHEN223	16
BHIG211	Fundamentals of Occupational Hygiene		16
BHIG221	Risk Assessment		8
BHIG222	Ergonomics for Occupational Hygiene		8
BHIG223	Toxicology I		16
BHIG224	Research Methodology		8
BHIG311	Toxicology II	BHIG223	24
BHIG312	Occupational Hygiene Legislation		24
BHIG321	Chemical Stressors I		24
BHIG322	Physical Stressors I		24
BHIG411	Ventilation		16
BHIG412	Chemical Stressors II	BHIG321	24

Module code	Descriptive name	Prerequisites	Credits
BHIG413	Physical Stressors II	BHIG322	24
BHIG421	Chemical Stressors III	BHIG412	24
BHIG422	Employee Wellness and Epidemiology		16
BHIG423	Management, Occupational safety and Environment Health		16
BHIG471	Research Project		32
BLPS111	Animal parasitology (This module has been phase out)		12
BLPS121	Medicinal Botany (This module has been phased out)		12
BMAN111	Introduction to Business Management		12
BMAN121	General Management		12
BMAN222	Entrepreneurial opportunities		16
BSWG111	Introduction to Social Work as profession		12
BSWG112	Human behaviour in the social environment across the life span		12
BSWG113	Introduction to professional behaviour		12
BSWG121	Life skills and counselling		12
BSWG122	Understanding social development		12
BSWG211	Case work as a method: theory and practice	BSWG111 BSWG113	12
BSWG212	Child care Legislation and associated Social Work interventions		8
BSWG213	Introduction to Social policy, Social Welfare policy and Social Work policy		8
BSWG221	Social group work as a method: theory and practice	BSWG111 BSWG113	8
BSWG222	Community work as a method: theory and practice	BSWG111 BSWG113 BSWG122	8
BSWG223	Basic principles of Social Work management		8
BSWG224	Human Rights and Social Justice		8
BSWG311	Approaches, theories and models in Social Work	BSWG312+ BSWG313+	8
BSWG312	Advanced case work: theory and practice	BSWG211 BSWG311+	12

Module code	Descriptive name	Prerequisites	Credits
		BSWG313+	
BSWG313	Advanced community work: theory and practice	BSWG222 BSWG311+ BSWG312+	12
BSWG321	Advanced social group work: theory and practice	BSWG222 BSWG311	12
BSWG322	Social work with families and children: concepts and skills for effective practice	PSYC211	16
BSWG323	Advanced Social policy, Social Welfare policy and Social Work policy	BSWG213	12
BSWG411	Crime and forensic social work		16
BSWG413	Social Work in host settings		8
BSWG414	Social work services re specific client systems		8
BSWG415	Family and child therapy		12
BSWG416	Social work interventions with regard to substance abuse and dependency		8
BSWG417	Diversity in Social Work		8
BSWG418	Practice management in Social Work		8
BSWG471	Internship (advanced practice intervention)	All preceding BSWG-modules must be passed G.7.4.3(c)	48
BSWG472	Social work research: theory and practice		24
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry		12
CHEN211	Analytical Methods I	CHEM111 CHEM121	8
CHEN212	Physical Chemistry II	CHEM111 CHEM121 WISN111 WISN121	8
CHEN213	Organic Chemistry II Pharmacy/Biological Sciences	CHEM111 CHEM121	8
CHEN222	Inorganic Chemistry II	CHEM111 CHEM121	8

Module code	Descriptive name	Prerequisites	Credits
		WISN111 WISN121	
CHEN223	Organic Chemistry II	CHEM111 CHEM121	8
DRKS111	Lower Invertebrates		12
ENLL111	Introduction to literary genres (I)	G.14.1.4	12
ENLL121	Introduction to literary genres (II) and grammatical analysis	ENLL111 (60)	12
ENLL211	Development of literary genres (I) and development of grammatical complexity	ENLL121	16
ENLL221	Development of literary genres (II) and applied linguistics	ENLL211 (40PM)	16
ENLL311	Key periods in literature, historical linguistics and stylistics	ENLL221	32
ENLL321	South Africa and the World: Postmodern and contemporary literature, sociolinguistics and advanced linguistics analysis	ENLL311 (40PM)	32
FBCG211	Pharmaceutical Biochemistry	CHEM111 CHEM121	8
FCAG121	Introductory pharmaceutical calculations		12
FCAG122	Pharmaceutical calculations		12
FCHG221	Introductory Medicinal Chemistry	G.8.4.4.2.1(b)	16
FCHG222	Pharmaceutical Chemistry *I*B		12
FCHG311	Pharmaceutical analysis	G.8.4.4.2.1(c)	16
FCHG312	Pharmaceutical Chemistry *II*A	G.8.4.4.2.2(b)	16
FCHG321	Medicinal Chemistry	FCHG311 (40)	16
FCHG322	Pharmaceutical Chemistry *II*B	FCHG312 (40)	12
FCHG411	Metabolism and pro-drugs development	G.8.4.4.2.1(c): BCHF215	8
FCHG412	Pharmaceutical Chemistry *III*A	G.8.4.4.2.2(b): FBCG211	16
FELG421	Choice project	G.8.4.4.2.1(f)	8
FFSG421	Integrated pharmaceutical care	G.8.4.4.2.2(c) & (f)	24
FGPO271	Structured practice training I	G.8.4.4.2.1(g)	4
FGPO371	Structured practice training II	G.8.4.4.2.1(h)	4
FGPO471	Structured practice training III	G.8.4.4.2.1(i)	4

Module code	Descriptive name	Prerequisites	Credits
FKLG211	Pharmacology I (For Nursing)	G.8.4.4.2.1(b)	16
FKLG212	Pharmacology *I*A	FLPX113 FLPX123	16
FKLG221	Pharmacology II	FKLG211 (40)	24
FKLG222	Pharmacology *I*B	FKLG212 (40)	16
FKLG311	Pharmacology III	G.8.4.4.2.1(c) & (e)	16
FKLG312	Pharmacology IIA	G.8.4.4.2.2(b)	16
FKLG321	Pharmacology IV	FKLG311 (40)	16
FKLG322	Pharmacology *II*B	FKLG312 (40)	16
FKLG411	Pharmacology V	G.8.4.4.2.1(c)	16
FKLG412	Pharmacology *III*A	G.8.4.4.2.2(b)	16
FKLG421	Pharmacology VI	FKLG411 (40)	16
FLGX113	Introductory Physiology	G.14.1.7	12
FLGX123	Membrane and Muscle Physiology	FLGX113 (40) G.14.1.7	12
FLGX114	Introductory Physiology for BA and BSc Consumer Sciences	G.14.1.7	12
FLGX124	Muscle Physiology for BA	G.14.1.7	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX223	Physiological defense mechanisms	FLGX113 (40)	8
FLGX224	Metabolism	FLGX213 (40)	8
FLGX312	Excretion		8
FLGX313	Respiration		8
FLGX314	Cardiovascular Physiology		16
FLGX315	Reproductive Physiology		8
FLGX316	Cardiovascular Physiology for Occupational Hygiene		8
FLGX325	Neurophysiology		16
FLGX326	Reproductive and environmental physiology		16
FLGX327	Renal and Dermal Physiology		16
FLPV213	Physiology for Nursing Science I		16
FLPV222	Physiology for Nursing Science II	FLPV213 (40)	8
FLPX113	Physiology for Pharmacy *I*A	G.14.1.7	12
FLPX123	Physiology for Pharmacy *I*B	FLPX113 (40)	12

Module code	Descriptive name	Prerequisites	Credits
FMSG211	Dispensing and preparation of drugs	G.8.4.4.2.1(b)	16
FMSG212	Pharmaceutics *I*A	FCAG122	16
FMSG222	Introductory biopharmaceutics and pharmacokinetics	FMSG211 (40)	16
FMSG223	Pharmaceutics *I*B	FMSG212 (40)	16
FMSG311	Pharmaceutical dosage forms & technology I	G.8.4.4.2.1(c)	16
FMSG312	Pharmaceutics *II*A	G.8.4.4.2.2(b)	16
FMSG321	Pharmaceutical dosage forms & technology II	FMSG311 (40)	16
FMSG322	Pharmaceutics *II*B	FMSG312 (40)	16
FMSG411	Pharmaceutical dosage forms & technology III	G.8.4.4.2.1(c)	16
FMSG412	Pharmaceutics *III*A	G.8.4.4.2.2(b)	16
FMSG422	Biotechnology and innovative pharmaceutical dosage forms	FMSG411 (40)	8
FNPG421	Pharmaceutical Research Project	G.8.4.4.2.2(c) & (f)	32
FPFG121	Clinical Pharmacy *I*B		12
FPFG211	Clinical Pharmacy *II*A	G.8.4.4.2.2(b)	16
FPFG221	Clinical Pharmacy *II*B	FPFG211 (40)	8
FPFG311	Clinical pathology	G.8.4.4.2.1(b)	16
FPFG312	Clinical Pharmacy *III*A	G.8.4.4.2.2(b)	16
FPFG321	Health Science	FPFG311 (40) FKLG221 (40) FKLG311 (40)	16
FPFG322	Clinical Pharmacy *III*B	FPFG312 (40)	16
FPFG411	Clinical Pharmacy I	G.8.4.4.2.1(c)	8
FPFG412	Clinical Pharmacy *IV*B	G.8.4.4.2.2(b)	16
FPFG423	Clinical Pharmacy II	FPFG411 (40)	16
FPKG111	Pharmacy practice I		12
FPKG112	Pharmacy Practice *I*A		12
FPKG113	Pharmacy Practice *I*B		12
FPKG211	Pharmacy Practice *II*A	G.8.4.4.2.2(b)	16
FPKG221	Pharmacy Practice *II*B	FPKG211 (40)	8
FPKG312	Pharmacy practice II	G.8.4.4.2.1(c)	8
FPKG313	Pharmacy Practice *III*A	G.8.4.4.2.2(b)	16

Module code	Descriptive name	Prerequisites	Credits
FPKG323	Pharmacy practice III		8
FPKG324	Pharmacy Practice *III*B	FPKG313 (40)	8
FPKG413	Pharmacy practice IV	G.8.4.4.2.1(c)	16
FPKG414	Pharmacy Practice *IV*A	G.8.4.4.2.2(b)	16
FPKG425	Pharmacy practice V	FPKG413 (40)	16
FREB111	French for business: Elementary I	G.14.1.8	12
FREB121	French for business: Elementary II	FREB111 (40) OR FREN111 (40)	12
FREN111	French for beginners I	G.14.1.8	12
FREN121	French for beginners II	FREN111 (40DP)	12
FSKS113	Physics for Biology I	Univ. Admission with 50% in Physical Science	12
FSKS123	Physics for Biology II	FSKS113	12
FSSM471	Food service systems and management	All previous modules	24
GERB111	German for business: Elementary I	G.14.1.3	12
GERB121	German for business: Elementary II	GERB111 (40) or GERM111 (40) or equivalent language qualification and passing of an admissions test	12
GERM111	German: Elementary I	G.14.1.3	12
GERM121	German: Elementary II	GERB111 or GERM111 or equivalent language qualification and passing of an admissions test	12
GGFS112	Introduction to Physical Geography		12
GGFS121	Introductory Human Geography		12
GGFS212	Physical Geography	GGFS112 GGFS121	16
GGFS222	Applied Geomorphology and Climate Change	GGFS112 GGFS121	16

Module code	Descriptive name	Prerequisites	Credits
GGFS312	Geographical Information Systems	GGFS112 GGFS121 GGFS212 GGFS222	32
GGFS322	Applied Geography	GGFS112 GGFS121 GGFS212 GGFS222 GGFS312	32
IOPS121	Occupational Health and Ergonomics		12
IOPS211	Personnel Psychology		16
ITRW112	Introduction to Computers and Programming		12
ITRW123	Graphic Interface Programming I	ITRW112	12
ITRW124	Programming I	ITRW112 OR ITRW115	12
ITRW212	Programming II	ITRW124	16
ITRW213	Systems Analysis I	ITRW123 OR ITRW124	16
ITRW222	Data Structures and Algorithms	ITRW212	16
ITRW225	System Analysis and Design II	ITRW213	16
ITRW311	Databases I	ITRW222 OR ITRW225	16
ITRW316	Operating Systems	ITRW222	16
ITRW321	Databases II	ITRW311	16
ITRW322	Computer Networks	ITRW316	16
KCOM112	Introduction to Communication contexts		12
KCOM122	Introduction to Corporate Communication		12
LPRA111	Introduction to Language Practice	G.14.1.15	12
LPRA121	Language Practice and Text	LPRA111 (40)	12
LARM111	Introduction to workplace relations		12
LARM211	Occupational Management		16
LARM221	Work Group Dynamics		16

Module code	Descriptive name	Prerequisites	Credits
LARM311	Theory and Practice of Labour Relations		16
LARM321	Management of Labour Relations		16
LARM322	Conflict Management		16
LNTP271	Learning for nutrition practice II	NUTB111 NUTB112 NUTB121	12
LLAW221	Introductory Labour Law		12
LNTP371	Learning for nutrition practice III	NUTB211 NUTC221 NUTF221 LNTP271	16
MBWA112	Functional Anatomy		12
MBWA122	Applied Anatomy	MBWA112 (40)	12
MBWK112	Motor Learning		12
MBWK114	Sport organization and administration		12
MBWK216	Biomechanics		8
MBWK217	Sport injuries	MBWA112 (40)	8
MBWK218	Introduction to Sport injuries		8
MBWK219	Sport and Exercise Physiology I		8
MBWK223	Kinanthropometry	MBWA112 (40) OR MBXR114	8
MBWK225	Sport and Exercise Physiology II	MBWK219 (40)	8
MBWK226	Sport and Exercise Psychology		8
MBWK315	Applied Exercise Physiology	MBWK225 (40)	16
MBWK316	Biokinetics		16
MBWK324	Research Methodology		16
MBWK325	Applied Exercise Science Practice	MBWK315 (40)	16
MBXA124 OR MBXC124 OR MBXR124 OR MBXS124	Game skills development in Athletics or Cricket or Rugby or Soccer		12
MBXA211	Coaching Science in Athletics or Netball or		8

Module code	Descriptive name	Prerequisites	Credits
OR MBXN211 OR MBXS211 OR MBXT211	Swimming or Tennis		
MBXA225 OR MBXC225 OR MBXR225 OR MBXS225	Game skills application in Athletics or Cricket or Rugby or Soccer		16
MBXA324 OR MBXC324 OR MBXR324 OR MBXS324	Practical coaching in Athletics or Cricket or Rugby or Soccer		32
MBXG114	Coaching Science in Golf		8
MBXG221 OR MBXH221	Coaching Science in Gymnastics or Hockey		8
MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	Coaching science in Gymnastics or Hockey or Cricket or Rugby		8
MBXK124	Generic Coaching Science		12
MBXR112	Supplementation and Ergogenic aids		12
MBXR114	Basic Anatomy and energy systems		12
MBXR214	Sport physiology in Practice		8
MBXR216	Game notational analyses and preparation		16
MBXR217	Sport management		8
MBXR218	Sport commercialization, sport development and sport law		16
MBXR219	Sport organization and administration		8
MKBN121	Microbiology for Nursing Science		12
MKBX213	Microbiology for food and nutrition		8
MKPN111	Microbiology (for Pharmacy)		12
MKPN211	Microbiology for Pharmacy		8

Module code	Descriptive name	Prerequisites	Credits
NFSY311	Nutrition and food security	NUTB211 NUTC221	16
NPCM471	Nutrition practice for communities	All previous modules	24
NPPM471	Nutrition policy, programming and management		24
NPRG321	Nutrition programming	NUTC221 NUTB311 NFSY311	16
NTPH411	Nutrition in public health	All pervious modules	16
NUTB111	Introduction to the profession	None	12
NUTB112	Introduction to nutrition	None	12
NUTB121	Nutrients	NUTB112	12
NUTB211	Nutrition through the life cycle	NUTB112 NUTB121	16
NUTB311	Nutrition: life style health disorders for nutrition	FLGX113 FLGX213 VOED211/ NUTB121 BCHF215 OR BCHN213 OR FLGX224	24
NUTC221	Introduction to community nutrition	NUTB112 NUTB121 NUTB211	8
NUTC321	Community nutrition	NUTB112 NUTB121 NUTB211 NUTC221	8
NUTC471	Community nutrition practice	All modules in previous years	32
NUTF221	Food service management: Management aspects		12

Module code	Descriptive name	Prerequisites	Credits
NUTF321	Food service management: Systems and large scale production	NUF221	16
NUTF471	Food service management in practice	All modules in previous years	32
NUTP271	Nutrition practice II	NUTB111 NUTB112 NUTB121	12
NUTP371	Nutrition practice III	NUTB211 NUTC221 NUTF221 NUTP271	16
NUTR321	Nutrition research methodology	None	16
NUTR471	Nutrition research	All previous modules	32
NUTT311	Nutrition: life style health disorders for dietetics	FLGX113 FLGX213 NUTB121 NUTB221 BCHF215 OR BCHN213 OR FLGX224	24
NUTT321	Therapeutic nutrition	NUTB121 NUTB221 NUTT311 FLGX113 FLGX123 FLGX213 BCHF215 OR BCHN213	24
NUTT322	Paediatric therapeutic nutrition	NUTB121 NUTB221 NUTT311 FLGX113 FLGX123 FLGX213 BCHF215 OR	8

Module code	Descriptive name	Prerequisites	Credits
		BCHN213	
NUTT471	Applied therapeutic nutrition	All previous modules	40
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
PUMA112	Foundations of Public Management		12
PUMA122	Locus and focus of Public Management		12
PUMA212	Municipality Management		16
PUMA222	The Government and sustainable development		16
PUMA625	Public Project Management		16
RKKX114	Introduction to Recreation as an profession		12
RKKX115	Introduction to Leasure Behaviour		12
RKKX124	Group dinamics in Recreation		12
RKKX126	Recreation Activity Leadership		12
RKKX214	Recreation Leadership		16
RKKX224	Applied Recreation Practice		16
RKKX314	Professional Issues in Recreation Science		16
RKKX315	Leisure Time Facilitation		16
RKKX324	Leisure Time Programming		16
RKKX325	Recreation Management		16
SANL112	Introduction to key concepts in Social Anthropology		12
SANL122	Introduction to themes in Social Anthropology		12

Module code	Descriptive name	Prerequisites	Credits
	research		
SANL213	Medical Anthropology		16
SANL225	Urban Anthropology		16
SKRK111	Introduction to creative writing	G.14.1.12	12
SKRK121	Creative Writing: The writing of prose	SKRK111	12
SKRK211	Creative Writing: The writing of poetry	SKRK111 SKRK121	16
SKRK221	Creative Writing: The writing of child- and youth literature	SKRK111 SKRK121	16
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
SOCL211	Sociology of development and social problems		16
SOCL221	Sociology of the family and group dynamics		16
SOCL222	Medical Sociology		16
SOCL311	Social Theory	SOCL111 SOCL121	16
SOCL312	Social Research and methodology	SOCL111 SOCL121	16
SOCL328	Gender and Sexuality		16
SOCL324	Clinical Sociology		16
SOCL327	Politics Sociology		16
STTN111	Descriptive Statistics		12
STTN121	Introductory Statistical Inference I	STTN111	12
STTN124	Practical Statistics	STTN111	12
TGWN223	Numerical Analysis	WISN121	8
TMBP111	Introduction to Tourism Management		12
TMBP121	Introduction to Hospitality Management		12
TMBP211	Applied Tourism Management	BMAN121	16
TMBP221	Tourism Marketing		16
TMBP311	Sustainable Ecotourism		16
TMBP312	Introduction to Event Management		16

Module code	Descriptive name	Prerequisites	Credits
TMBP321	Game farm Management		16
TMBP322	Applied Event Management		16
VGHB122	Design study		12
VGHB221	Consumer purchasing practices and Resource Management	VGHB122 (40)	16
VGHB311	Interior design and housing	VGHB221 (40)	24
VKLE114	Fashion History		12
VKLE214	Introduction to the Fashion industry	VKLE114 (40)	16
VKLE312	Textile Studies	VKLE214 (40) VGHB122 (40)	16
VKLE321	Fashion industry and psycho-social clothing behaviour	VKLE312 (40)	16
VNDL311	Nutrition: Lifestyle health disorders	FLGX113 FLGX213 VOED211 BCHF215 OR BCHN213 OR FLGX224	16
VOED211	Nutrients	VOED122	16
VOED221	Family and community nutrition	VOED211	16
VOED323	Advanced nutrition and nutrition research	VNDL311	24
VPBB421	Health Service Management Skills		8
VPBP471	Health Service Management Practice		8
VPEK311	Introductory and Clinical Psychiatric Nursing Science		16
VPEP471	Psychiatric Nursing Science Practice		28
VPER421	Psychiatric Nursing Science Practice		16
VPEV321	Psychiatric Skills and Methods		16
VPFB121	Basic Needs and Professional skills		16
VPFI111	Introduction to Fundamental Nursing Science		16
VPFP171	Fundamental Nursing Science Practice		12
VPGI111	Introduction to Community Nursing Science		8
VPGO221	Extensive Primary Health care		8
VPGP171	Community Nursing Science Practice		8

Module code	Descriptive name	Prerequisites	Credits
VPGP271	Community Nursing Science Practice		12
VPGP372	Community and Psychiatric Nursing Science Practice		8
VPGR122	Community Nursing Science processes		8
VPGR211	Introduction to Primary Health care		8
VPGS311	Rural and Urban Community Health		8
VPGW211	Health Promotion for Nursing Science		8
VPLS371	Lifestyle Enrichment		8
VPLS471	Psychiatric and Nursing Science Skills and methods		8
VPNN323	Introduction to Nursing Research		8
VPNN411	Methodology of Nursing Research		8
VPNP471	Nursing Research project		8
VPPF411	Legislation and Professional Practice		8
VPVA412	Complicated Midwifery		16
VPVB321	Normal childbirth and complicated pregnancy		16
VPVI222	Introductory Midwifery and normal pregnancy		8
VPVN311	Normal neonate, puerpurium and parenthood		8
VPVP372	Midwifery Practice I		18
VPVP472	Midwifery Practice II		32
VPWB211	Impaired Health Status and Minor disorders		16
VPWG221	Minor disorders		16
VPWP271	Minor disorders in practice		16
VPXP371	Specialization Nursing Science Practice		16
VPXS311	Specialization Nursing Science I		16
VPXS321	Specialization Nursing Science II		16
VVBG211	Introduction to consumer behaviour		12
VVBG311	Consumer decision-making	VVBG211	16
VVBG321	The South African Consumer	VVBG311	16
VVDB313	Food Service Management: Systems and large scale production		16
VVDB324	Food Service Management: Management aspects		12
VVDL112	Food		12

Module code	Descriptive name	Prerequisites	Credits
VVDL123	Vegetable food groups and systems	VVDL112 (40)	12
VVDL213	Animal food groups and systems	VVDL123 (40)	16
VVDL324	New food product development processes	VVDL213 (40) VVDB313 (40)	16
WISN111	Introductory Algebra and Analysis I	G.14.1.16	12
WISN121	Introductory Algebra and Analysis II	WISN111	12
WISN211	Analysis III	WISN121	8
WISN212	Linear Algebra I	WISN121	8
WISN224	Analysis IV	WISN211	8
WISN226	Linear Algebra II	WISN212	8
WISN312	Combinatorics	WISN121	16
WISN313	Complex Analysis	WISN221	
WISN323	Real Analysis	WISN311 of WISN313	16
WISN322	Algebraic Structures	WISN222 or WISN226	16
WVES311	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation		12
WVGW221	Know and understand the world of health	G.14.1.17	12
WVLS314	Man and society: critical perspectives on continuity and change/transformation		12
WVNS211	Understand the natural world		12
WVPS311	Professional ethics for the Pharmacist		12
WVPS321	Professional ethics for the Pharmacist		12

G.15 MODULE OUTCOMES

Linked modules from other faculties only meant for curricula in Health Sciences appear also in this calendar. Other linked modules appear in die relevant Faculties calendars.

Module code: AGLE111	**Semester 1**	**NQFLevel: 5** **Credits: 12**
Title:	Introduction to academic literacy	
Module outcomes: After completion of the module, the student should be able to: • demonstrate basic knowledge of learning strategies, academic vocabulary and register as well as the reading and writing of academic texts in order to function effectively in the academic environment; • communicate effectively orally and in writing in an appropriate manner in an academic environment; • understand, interpret and evaluate basic academic texts and write appropriate academic genres in a coherent manner by making use of accurate and appropriate academic conventions; • listen, speak, read, write and learn accurately within an ethical framework.		
Method of delivery:	Full-time	
Method of assessment: • Tests and assignments — weight: 60% • Semester examination: **1x2 hours** — weight 40%		
Module code: AGLE121	**Semester 1 & 2**	**NQF-level: 5** **Credits: 12**
Title:	Language proficiency	
Module outcomes: After completion of the module, the student should be able to: • demonstrate fundamental knowledge of appropriate computer programs, as well as apply learning, listening, reading and writing strategies, use academic language register and read and write academic texts, in order to function effectively in the academic environment; • as an individual and a member of a group communicate effectively orally and in writing in an ethically responsible and acceptable manner in an academic environment; • as an individual and a member of a group find and collect scientific knowledge in a variety of study fields, analyse, interpret, and evaluate texts, and in a coherent manner synthesise and propose solutions in appropriate academic genres by making use of linguistic conventions used in formal language registers.		
Method of delivery:	Full-time	
Method of assessment: • Tests and assignments — weight: 60% • Semester examination: **1x2 hours** — weight 40%		
Module code: ANAV111	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Movement Anatomy	
Module outcomes: After completion of the module, the student should be able to: • knowledge and informed understanding of key terms, concepts, facts, principles and rules relevant to **structural anatomy** (cells, tissues, skin; musculoskeletal-, endocrine-, and lymphatic systems) and **biophysics** related to human body systems; • the ability to distinguish between normal anatomy and deviations from normal anatomy and biophysical functioning of the human body, the implications for wellbeing and possible solutions/interventions to support the healing process within the practice of health care delivery; • act in accordance with acceptable ethical- legal and professional criteria related to human anatomy; • act as independent individual and interdependent member of a group (study-, health team); make appropriate contributions, including technological media and relevant scientific evidence, accepting co-responsibility to achieve the set goals and accountability for the outcome of the task.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours 1 : 1	

Module code: ANAV121	Semester 2	NQF-level: 5 Credits: 12
Title:	Anatomy	

Module outcomes:
After completion of the module, the student should be able to demonstrate:

- knowledge and informed understanding of key terms, concepts, facts, principles and rules relevant to the structural anatomy of the cardio-vascular-, respiratory-, digestive-, urinary- , reproductive and central nervous systems and special senses
- the ability to distinguish between normal anatomy and deviations, the implications for wellbeing and possible solutions/interventions to support the healing process within the practice of health care delivery;
- act as independent individual and interdependent member of a group (study-, health team), make appropriate contributions, (including technologies, media and relevant scientific evidence), accepting co-responsibility to achieve the set goals and the accountability for the outcome of the task; and
- monitor own learning process, implement relevant learning strategies to improve learning, manage resources effectively to achieve set outcomes.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: BCDT311	Semester 1	NQF level: 7 Credits: 12
Title:	Nutritional biochemistry	

Module-outcomes:
After completion of the module, the student should be able to:

- Knowledge and understanding of the biochemistry, molecular biology and genetics of nutrition and the relevant disease states in which nutrition has a key role
- Knowledge and understanding of the biochemistry, molecular biology and genetics of trace nutrients and elements and the associated deficiency states
- Knowledge and understanding of the biochemistry, molecular biology and genetics of xenobiotic metabolism and its importance in nutrition
- Ability to select and apply appropriate procedures and methods to obtain samples for biochemical analysis and to interpret the results correctly
- Key aspects of inherited metabolic diseases
- Key aspects of the epidemiology, etiology, clinical features, pathology and basic treatment of relevant disease states
- Accurate and coherent written and verbal communication via assignments/tasks with understanding of and respect for intellectual property conventions, copyright and rules on plagiarism
- Active cooperate as member and/or leader of group to complete task/assignment, and achieve set outcome, accepting responsibility for own learning and co-responsibility for outcome achieved.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: BCHF215	Semester 1	NQF-level: 6 Credits: 16
Title:	Biochemistry for Health Sciences	

Module outcomes:
After completion of the module, the student should be able to have knowledge on:

- the flow of genetic information in the biosphere;
- structure of nucleic acids and nucleotide analogues;
- the structure of DNA and RNA;
- DNA replication, transcription and translation;
- regulation of gene expression;
- the role of proteins in the structure and function of the cell;
- structures and properties of amino-acids, peptides and proteins;
- structure function relationships of fibrous and globular proteins;
- basic principles of immunology;

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours

Module code: BCHG221	Semester 2	NQF-level: 6 Credits: 16
Title:	Clinical Biochemistry	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate sufficient knowledge, insight and skills to describe the interrelation between abnormal biochemical processes and diseases in full;
- implement qualitative and quantitative bio-analytical information when clinically dealing with patients;
- evaluate defect organ and endocrine functioning as a function of change in protein, enzyme and hormone profiles; discuss the relation between the dishomeostasis of serum/plasma calcium, magnesium, phosphate levels and bone pathology;
- describe cardiovascular diseases as the result of the abnormal processing of lipids and lipoprotein in the body and discuss the biochemical base of hereditary diseases and congenital defects.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 40 : 60

Module code: BCHN222	Semester 2	NQF-level: 6 Credits: 16
Title:	Clinical Biochemistry	

Module outcomes:
After completion of the module, the student should be able to:
- give the substrates, products and role of the three phases of metabolism;
- describe interim electron carriers and give the role of each;
- know the general structure of carbohydrates, lipids, amino acids and nucleotides;
- describe the processes involved in the catabolism of carbohydrates, lipids, amino acids and nucleotides;
- describe the processes involved in the anabolism of carbohydrates, lipids, amino acids and nucleotides
- describe the role of the Krebs Cycle in the final oxidation of piruvate and acetyl-CoA;
- describe the role of the electron transfer chain in the excitation of chemical-osmotic potential;
- defend hypotheses for oxidative phosphorylation;
- describe the mechanisms of detoxification by means of cytochrome-P450;
- describe tissue-specific reactions and their role in metabolism;
- have a good insight into the interdependency of the different components of metabolism.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 40 : 60

Module code: BHIG211	Semester 1	NQF-level: 6 Credits: 16
Title:	Fundamentals of Occupational Hygiene	

Module outcomes:
After completion of the module, the student should demonstrate the following:
- detailed knowledge and understanding of the fundamental principles of Occupational Hygiene;
- an understanding of the overall Occupational Hygiene process and the ability to implement this knowledge in the design of a suitable and sufficient Occupational Hygiene survey and the interpretation of the generated data in a sound scientific way;
- the ability to evaluate and analyse existing Occupational Hygiene survey programs;
- an understanding of the ethical aspects and practices specifically relevant to Occupational Hygiene;
- the ability to accurately and coherently communicate his/her findings verbally and in writing with an understanding of copyright and rules of plagiarism.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: BHIG221	**Semester 2**	**NQF-level: 6 Credits: 8**
Title:	Risk Assessment	

Module outcomes:
After completion of the module, the student should demonstrate the following:
- detailed knowledge of the risk assessment process and the accompanying understanding and ability

to apply key terms, concepts, principles, rules and theories of the field within the context of Occupational Hygiene;
- proficiency in your ability to demonstrate an understanding of the different forms of knowledge and schools of thought as applicable to Risk Assessment;
- the ability to select appropriate Risk Assessment procedures and to apply them in the context of Occupational Hygiene in order to contribute to the enhancement of data review and management practices with a view to improve the quality of Risk Assessments as envisioned in the context of Occupational Hygiene;
- your problem solving skills in respect of your ability to identify analyse and solve problems in various unfamiliar contexts by gathering evidence and applying solutions that are appropriate to the field of Risk Assessment;
- an understanding of the ethical implications of decisions and actions, within an organisational or professional context, based on an awareness of the complexity of ethical dilemmas that may occur in the practice of Risk Assessment;
- proficiency in your ability to present and communicate complex information reliably and coherently using appropriate academic and professional or occupational conventions, formats and technologies as appropriate to the field of Risk Assessment;
- an ability to work effectively in a team or group, and to take responsibility for your decisions and actions and the decisions and actions of others within well-defined contexts, including the responsibility for the use of resources where appropriate.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG222**	**Semester 2**	**NQF-level: 6** **Credits: 8**
Title:	Ergonomics for Occupational Hygiene	

After completion of the module, the student should demonstrate the following:
- detailed knowledge and understanding of the field of ergonomics, and the influence of ergonomics on the body; and knowledge of how ergonomic problems in the workplace can cause strain and injury;
- the ability to effectively apply principles of ergonomics and evaluation methods to assess the ergonomic compliance or problems with ergonomics in a work area;
- the ability to use discipline-specific methods and techniques of information gathering on overuse syndrome and other ergonomic related health problems, analyse and synthesize the information and apply your research to a given context in the field of ergonomic related disorders;
- accurate and coherent written and verbal communication of the role of ergonomics in Occupational Hygiene with an understanding of and respect for copyright and rules of plagiarism.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG223**	**Semester 2**	**NQF-level: 6** **Credits: 16**
Title:	Toxicology I	

Module outcomes:

After completion of the module, the student should demonstrate the following:
- detailed knowledge and understanding of fundamental toxicological concepts; how toxicological knowledge relates to Occupational Hygiene; and the history and development of knowledge in toxicology and Occupational Hygiene;
- the ability to analyse, evaluate and synthesise toxicological information obtained from multiple sources and to apply it in the field of Occupational Hygiene;
- the ability to communicate complex toxicological information verbally and in writing reliably and coherently with understanding and respect of copyright and plagiarism rules;
- the ability to work effectively in a group and to contribute toward the planning and completion of group tasks.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG224**	**Semester 2**	**NQF-level: 6** **Credits: 8**
Title:	Research Methodology	

Module outcomes:

After completion of the module, the student should demonstrate the following :
- detailed knowledge and understanding of fundamental research concepts, methods and processes,

and how applicable knowledge of research methodologies relates to Occupational Hygiene;
- an understanding of the ethical aspects and practices specifically relevant to Occupational Hygiene research;
- the ability to select, evaluate and apply statistical analysis specific to Occupational Hygiene to solve fundamental problems in the field of Occupational Hygiene;
- an ability to analyse, evaluate and synthesise information obtained from multiple sources to write a fundamental research proposal;
- accurate and coherent written and verbal communication of a research proposal with an understanding of and respect for copyright and rules of plagiarism.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG311**	**Semester 1**	**NQF-level: 7** **Credits: 24**
Title:	Toxicology II	

Module outcomes:

After completion of the module, the student will demonstrate the following:
- integrated knowledge and understanding of the toxicology of a variety of toxicants and an understanding of how these toxicants relate to Occupational Hygiene;
- the ability to identify, analyse, critically reflect on and address complex toxicological problems related to Occupational Hygiene and to provide solutions based on theoretical arguments;
- the ability to systematically gather, independently validate, evaluate and manage information on a variety of toxicants;
- accurate and coherent communication of relevant toxicological information verbally and in writing with understanding of and respect of copyright and plagiarism rules.
- the ability to manage a group in solving contextual toxicological problems by applying appropriate resources, monitor progress of the team and taking responsibility of the outcomes.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG312**	**Semester 1**	**NQF-level: 7** **Credits: 24**
Title:	Occupational Hygiene Legislation	

Module outcomes:

After completion of the module, the student will demonstrate the following:
- integrated knowledge of relevant legislation and regulations applicable to the practice of Occupational Hygiene in a South African context, and a keen understanding of the implementation of appropriate laws in different scenarios and the implications when such laws and regulations are not adhered to;
- the ability to develop, implement and then evaluate the effectiveness of an Occupational Hygiene monitoring program, with strict adherence to relevant legislation and regulations;
- the ability to critically analyse and evaluate Occupational Hygiene monitoring data, thereafter comparing it with relevant Occupational Hygiene legislation and formulate the necessary changes to the Occupational Hygiene monitoring program.
- an ability to accurately and coherently communicate practice requirements and safety recommendations relevant to the field of Occupational Hygiene to a range of different audiences, providing sound evidence for convincing arguments while demonstrating effective use of available resources.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG321**	**Semester 2**	**NQF-level: 7** **Credits: 24**
Title:	Chemical Stressors I	

Module outcomes:

After completion of the module, the student will demonstrate the following:
- integrated knowledge and understanding of exposure to a variety of aerosols and hazardous biological agents (HBA) and an understanding of exposure assessment and control strategies relevant to these exposures;
- ability to select, evaluate and apply a range of different and appropriate exposure assessment and control strategies to resolve Occupational Hygiene problems;
- the ability to identify, analyse and critically reflect on the assessment of complex exposure problems in the workplace in order to prescribe the correct control strategies;

- accurate and coherent communication of exposure assessment and control strategies information verbally and in writing with understanding of and respect of copyright and plagiarism rules.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG322**	**Semester 2**	**NQF-level: 7** **Credits: 24**
Title:	Physical Stressors I	

Module outcomes:

After successful completion of this module, the student should be able to demonstrate:

- an integrated knowledge and understanding of the basic scientific principals regarding electromagnetic radiation and the accompanying electrical and magnetic fields, it's influences on the body, the scientific fundamentals of measuring exposure and the physiological basis of occupational exposure limits as well as the control of exposure;
- a keen understanding of the scientific basis of the units in which the exposures is measured;
- the ability to gather and use knowledge in a critical way from available literature and to apply it in a creative manner in practice in order to protect workers against the dangers and negative health effects of electromagnetic radiation and poor illumination;
- the ability to critically analyse complicated exposure problems in the workplace in order to prescribe the correct protection measures;
- the ability to accurately and coherently communicate his/her findings verbally and in writing.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG411**	**Semester 1**	**NQF-level: 8** **Credits: 16**
Title:	Ventilation	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- knowledge of and engagement with the theoretical underlying principles, theories, research methodologies and methods appropriate to the study of ventilation and the ability to apply the aforementioned in any context relevant to ventilation and Occupational Hygiene;
- the ability to gather information from a variety of respectable sources, assessing the integrity of the information as well as the information generating process and using the information to enhance your understanding of ventilation;
- the ability to select appropriate procedures, methods and techniques to analyse and creatively respond to modern-day issues and challenges in the field of ventilation, thereby contributing to the enhancement of data review and management practices with a view to improve Ventilation as a field in actual Occupational Hygiene practice;
- the capacity to use a variety of specialised skills to identify, analyse and address complex or abstract problems drawing systematically on the body of knowledge and methods appropriate to the field of Ventilation;
- the ability to produce and communicate academic, professional or occupational ideas and text effectively while offering creative insight, comprehensive interpretations and solutions to challenges as encountered within the field of Ventilation as envisioned in the practice of Occupational Hygiene;
- ownership of your work, decisions made and resources used as well as accountability for the decisions and actions of your peers where appropriate

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG412**	**Semester 1**	**NQF-level: 8** **Credits: 24**
Title:	Chemical Stressors II	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- integrated knowledge of and engagement in gas and vapour exposure and critical understanding and application of exposure assessment and control strategies relevant to these exposures;
- the ability to critically interrogate multiple publications pertaining to exposure assessment and control strategies within the field of Occupational Hygiene, and critically evaluate and review them and the manner in which they were produced;
- the ability to select, evaluate and apply a range of different but appropriate exposure assessment and control strategies to reflect on and address complex Occupational Hygiene exposure scenario's;

- accurate, coherent, appropriate and creative presentation and communication of Occupational Hygiene exposure assessment and control strategies with understanding of and respect for rules on copyright and plagiarism.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG413**	**Semester 1**	**NQF-level: 8** **Credits: 24**
Title:	Physical Stressors II	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- comprehensive and integrated knowledge and understanding of the basic scientific principals regarding noise, vibration and temperature, its influences on the body, the scientific fundamentals of measuring and units, occupational exposure levels as well the various levels of protection of workers;
- the ability to develop, implement and evaluate an effective program for the monitoring and control of exposure to noise, vibration, heat and cold;
- the ability to critically analyse complicated exposure problems in the workplace in order to prescribe the correct protection measures;
- the ability to accurately and coherently communicate his/her findings verbally and in writing.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG421**	**Semester 2**	**NQF-level: 8** **Credits: 24**
Title:	Chemical Stressors III	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- integrated knowledge of and engagement in biological monitoring of exposure, dermal exposure and surface exposure and critical understanding and application of exposure assessment and control strategies relevant to these respiratory exposures;
- the ability to critically interrogate multiple publications pertaining to exposure assessment and control strategies within the field of Occupational Hygiene, and critically evaluate and review them and the manner in which they were produced;
- the ability to select, evaluate and apply a range of different but appropriate exposure assessment and control strategies to reflect on and address complex Occupational Hygiene exposure scenario's;
- accurate, coherent, appropriate and creative presentation and communication of Occupational Hygiene exposure assessment and control strategies with understanding of and respect for rules on copyright and plagiarism.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG422**	**Semester 2**	**NQF-level: 8** **Credits: 16**
Title:	Employee Wellness and Epidemiology	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- knowledge of and engagement with the theoretical underlying principles, theories, research methodologies and methods appropriate to the study of Employee Wellness and Epidemiology and the ability to apply the aforementioned in any context relevant to Employee Wellness and Epidemiology;
- the ability to gather information from a variety of respectable sources, assessing the integrity of the information as well as the information generating process and using the information to enhance your understanding of Employee Wellness and Epidemiology;
- the ability to select appropriate procedures, methods and techniques to analyse and creatively respond to modern-day issues and challenges in the field of Employee Wellness and Epidemiology, thereby contributing to the enhancement of data review and management practices with a view to improve employee wellness in actual Occupational Hygiene practice;
- the ability to produce and communicate academic, professional or occupational ideas and text effectively while offering creative insight, comprehensive interpretations and solutions to challenges as encountered within the field of Employee Wellness and Epidemiology as envisioned in the practice of Occupational Hygiene;
- the capacity to identify and address ethical issues, based on critical reflection of the suitability of

different ethical value systems, pertinent to the field of Employee Wellness and Epidemiology;
- ownership of your work, decisions made and resources used as well as accountability for the decisions and actions of your peers where appropriate.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG423**	**Semester 2**	**NQF-level: 8** **Credits: 16**
Title:	Management, Occupational Safety and Environmental Health	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- knowledge of and engagement with the theoretical underlying principles, theories, research methodologies and methods appropriate to the study of Management, Environmental Health and Safety and management systems of Occupational Hygiene and the ability to apply the aforementioned in any context relevant to Environmental Health and Safety and management of Occupational Hygiene;
- the ability to gather information from a variety of respectable sources, judging the integrity of the information as well as the information generating process and using the information to enhance your understanding of Environmental Health and Safety and Occupational Hygiene management;
- the ability to select appropriate procedures, methods and techniques to analyse and creatively respond to modern-day issues and challenges in the field of Occupational Hygiene, Environmental Health and Safety, thereby contributing to the enhancement of data review and management practices with a view to improve Environmental Health and Safety in actual Occupational Hygiene practice;
- the ability to produce and communicate academic, professional or occupational ideas and text effectively while offering creative insight, comprehensive interpretations and solutions to challenges as encountered within the field of Environmental Health and Safety as envisioned in the practice of Occupational Hygiene and management thereof;
- that you are able to operate effectively within a system or manage a system based on your understanding of the roles and relationships between elements within a particular system;
- ownership of your work, decisions made and resources used as well as accountability for the decisions and actions of your peers where appropriate.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **BHIG471**	**Semester 1 & 2**	**NQF-level: 8** **Credits: 32**
Title:	Research Project	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- integrated knowledge and critical understanding of the theories, research methodologies and methods used in Occupational Hygiene and how to apply the knowledge during a research project to solve an Occupational Hygiene problem;
- the ability to critically interrogate, evaluate and review multiple sources of knowledge available on his research topic and use the knowledge to plan, execute and evaluate his/her own project;
- the ability to select, evaluate and apply the appropriate Occupational Hygiene research methods, techniques and statistical analysis during his/her project;
- the ability to critically judge and address ethical issues encountered during his/her project in a suitable manor;
- the ability to accurately and coherently communicate his/her findings and recommendations by using appropriate and creative presentations to a range of different audiences, providing sound evidence for convincing arguments while demonstrating effective use of available resources.

Method of delivery:	Full-time	
Method of assessment:	No examination (Project work)	
Module code: **BLPS111**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Animal parasitology	

Module outcomes:

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

- identify the diversity of animal parasites in tropical countries;

- identify the diversity of animal parasites and place them in a broad classification framework;
- identify information on the transmission to man and apply preventive measures to prevent repeated contamination;
- reflect knowledge of animals influencing man's health by means of a parasitic way of living and relate the nature and effect of the poison.

Method of delivery:	Full-time	
Method of assessment:		
Module code: **BLPS121**	**Semester 2**	**NQF-level: 5** **Credits: 12**
Title:	Medicinal Botany	

Module outcomes:
After completion of the module, the student should be able to:

- reflect knowledge of the terminology used to describe plants and identify morphologic classification of plants;
- understand the importance of plants to the pharmaceutical industry and:
  - demonstrate fundamental knowledge of selected plant physiological processes;
  - demonstrate knowledge of the various formations of active compounds that occur in plants;
  - understand and illustrate processes involved in the formation of these compounds in plants;
  - demonstrate knowledge on the physiological functioning of these compounds ;
  - demonstrate knowledge on a number of selected medicinally-important plants with regard to their respective taxonomic characteristics and pharmaceutical significance;
- reflect a fundamental knowledge on applicable ethical aspects;
- develop appreciation and respect for the creation and needs to preserve nature.

Method of delivery:	Full-time	
Method of assessment:		
Module code: **BSWG111**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Introduction to Social Work as profession	

Module outcomes:
After completion of the module, the student should be able to demonstrate:

- knowledge and understanding of social work as a profession
- knowledge and understanding of the relationship between social work and social welfare
- knowledge and understanding of the relationship between social work and other related disciplines social work methods of intervention and social services systems.

Method of delivery:	Full-time	
Method of assessment:	PC 1 x 2 hours 1:1	
Module code: **BSWG112**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Human behaviour in the social environment accross the life span	

Module outcomes:
After completion of the module, the student should be able to:

- demonstrate knowledge and understanding of the normal/healthy social development of human beings over the course of their lives;
- demonstrate knowledge and understanding of the difference between normal/healthy social development and abnormal/unhealthy social development; and
- demonstrate knowledge and understanding of the social conditions that contribute to and influence human functioning.

Method of delivery:	Full-time	
Method of assessment:	PC 1 x 2 hours 1:1	
Module code: **BSWG113**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Introduction to professional behaviour	

Module outcomes:
After completion of the module, the student should be able to:

- demonstrate his/her knowledge and understanding of the essential facilitative qualities and characteristics of professionalism in social work
- demonstrate proficiency in the application of the basic interpersonal skills in interviewing.

Method of delivery:	Full-time
Method of assessment:	PC 1 x 2 hours 1:1

Module code: **BSWG121**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Life skills and counselling

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate an understanding of life skills education as a primary, secondary and tertiary preventative measure
- show expertise in the design and implementation of life skills programmes.

Method of delivery:	Full-time
Method of assessment:	PC 1 x 2 hours 1:1

Module code: **BSWG122**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Understanding social development

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate an understanding and knowledge of social development as an approach in social work
- describe how social development emerged in social work
- explain the relevance of social development in social work
- explain the nature of developmental social services in South Africa.

Method of delivery:	Full-time
Method of assessment:	PC 1 x 2 hours 1:1

Module code: **BSWG211**	**Semester 1**	**NQF-level: 6** **Credits: 12**

Title:	Case work as a method: theory and practice

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate knowledge and understanding of the nature of case work as a method of social work.
- demonstrate knowledge and understanding of individual and family intervention processes.
- demonstrate the knowledge and understanding of interviewing as well as the ability to prepare for an interview.
- demonstrate the ability to apply values, ethical principles and legal obligations of a social caseworker.
- demonstrate the ability to evaluate professional behaviour according to the code of ethics for South African social workers.
- demonstrate the ability to make ethical decisions and motivate his/her choices.
- demonstrate the ability to write social casework reports.

Method of delivery:	Full-time

Module code: **BSWG212**	**Semester 1**	**NQF-level: 6** **Credits: 8**

Title:	Child care Legislation and associated Social Work interventions

Module outcomes:
After completion of the module, the student should be able to:
- distinguish between preventive child-centred services, early intervention strategies, statutory service delivery and a continuum of social work services delivered to children in South Africa;
- identify services and operational strategies for children and juveniles in the community, analyse and describe them and use them in practice in the interest of children and juveniles; and
- demonstrate knowledge and understanding of how to protect children within specific legislation, ethical conduct and according to specific values and norms and to plan service delivery focused specifically on their needs.

Method of delivery:	Full-time

Module code: BSWG213	Semester 1	NQF-level: 6 Credits: 8
Title:	Introduction to Social policy, Social Welfare policy and Social Work policy	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate an understanding of the key elements, functions, principles and development of social welfare policy and the role of the social worker
- demonstrate an understanding of the South African welfare system

Method of delivery:	Full-time

Module code: BSWG221	Semester 2	NQF-level: 6 Credits: 8
Title:	Social group work as a method: theory and practice	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate insight into the role of social group work as one of the methods of social work;
- understand a group as a holistic system;
- identify the values and principles of social group work and demonstrate how these values and principles could be applied in practice;
- evaluate the different types of groups in social work;
- identify the different tasks in the planning a group in social work
- differentiate between the phases of the social group work process and the role that a social worker plays in each (horizontal and vertical approach);
- implement these phases in service delivery to a group;
- write a proposal to convince an agency of the need to conduct a social group work group.

Method of delivery:	Full-time
Method of assessment:	

Module code: BSWG222	Semester 2	NQF-level: 6 Credits: 8
Title:	Community work as a method: theory and practice	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate his/her knowledge of the nature, context and conceptual framework of community work and community development;
- formulate a personal service delivery credo for him/herself — based on the ethical principles of social work;
- apply specific community work related skills — including working together in groups, analysing practice situations critically, formulating ideas in writing and doing public presentations; and
- evaluate previous applications of the community education models of community work, and formulate guidelines for its improved application based on these previous applications and on his/her newly acquired knowledge and insight.

Method of delivery:	Full-time

Module code: BSWG223	Semester 2	NQF-level: 6 Credits: 8
Title:	Basic principles of Social Work management	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate sound knowledge of management processes
- effectively select and apply management strategies
- apply management roles/functions

Method of delivery:	Full-time

Module code: BSWG224	Semester 2	NQF-level: 6 Credits: 8
Title:	Human Rights and Social Justice	

Module outcomes:
After completion of the module, the student should be able to:
- explain the concept human rights;
- discuss the concepts social justice and social injustice;
- explain how the objectives of social work fit into the framework of social justice;
- identify the articles applicable to social work from the United Nations' appropriate documents;
- apply the human rights concept, as contained in the Bill of Rights and described in the Constitution of the Republic of South Africa, in social work practice; and
- explain the mission and functions of the Human Rights Commission.

Method of delivery:	Full-time

Module code: BSWG311	Semester 1	NQF-level: 7 Credits: 8
Title:	Approaches, theories and models in Social Work	

Module outcomes:
After completion of the module, the student should be able to:
- explain how the knowledge base of social work has been compiled.
- demonstrate a solid understanding of the knowledge base of the different approaches and models in social work
- distinguish between the different kinds of theories, models, approaches and frameworks.
- describe the theoretical foundations and nature of particular approaches and models.

Method of delivery:	Full-time
Method of assessment:	

Module code: BSWG312	Semester 1	NQF-level: 7 Credits: 12
Title:	Advanced case work: theory and practice	

Module outcomes:
After completion of the module, the student should be able to:
- deal with resistance from clients
- make an eco-systemic assessment of the client and his environment
- apply relevant techniques with individuals and their environments
- apply evaluation and assessment tools in micro-practice/clinical social work
- use of models and approaches in his/her interventions

Method of delivery:	Full-time
Method of assessment:	

Module code: BSWG313	Semester 1	NQF-level: 7 Credits: 12
Title:	Advanced community work: theory and practice	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate his/her knowledge and insight of the nature and especially the application of community work and community development;
- apply specific community work related skills — including co-operating in groups, analysing practice situations critically, formulating planned community work intervention in writing and making public presentations; and
- apply one or more of the five community work models in the form of a practice simulation and infield practice

Method of delivery:	Full-time

Module code: BSWG321	Semester 2	NQF-level: 7 Credits: 12
Title:	Advanced social group work: theory and practice	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate his/her competency in distinguishing, evaluating and applying the various models, theories and approaches in social group work;
- plan and implement appropriate social group work intervention strategies;
- distinguish and apply the basic leadership roles and skills of the social worker in a group;
- demonstrate the ability to set norms and to understand and deal with different modes of behaviour among group members;
- demonstrate how diversity issues in social group work will be dealt with;
- substantiate the necessity of evaluation and measuring in social group work and compile his/her own evaluation framework;
- evaluate a group work project; and
- present a group work project consisting of six sessions

Method of delivery:	Full-time

Module code: BSWG322	Semester 2	NQF-level: 7 Credits: 16
Title:	Social work with families and children: concepts and skills for effective practice	

Module outcomes:
After completion of the module, the student should be able to:
- identify appropriate skills and techniques in marriage guidance and counselling;
- apply a coherent and critical understanding of marital problems;
- formulate and motivate an in-depth and systematic knowledge base in dealing with children;
- explain the requirements that a social worker should meet when working with children;
- select appropriate skills and techniques in dealing with children; and
- act with sensitivity and empathy towards clients.

Method of delivery:	Full-time
Method of assessment:	

Module code: BSWG323	Semester 2	NQF-level: 7 Credits: 12
Title:	Advanced Social policy, Social Welfare policy and Social Work policy	

Module outcomes:
After completion of the module, the student should be able to:
- critically evaluate welfare service provision in South Africa;
- critically evaluate social security provision in South Africa; and
- critically evaluate the current status and position of the social work profession within the South African welfare context

Method of delivery:	Full-time
Method of assessment:	

Module code: BSWG411	Semester 1	NQF-level: 8 Credits: 16
Title:	Crime and forensic social work (PC & VTC)	

Module outcomes:
After completion of the module, the student should be able to:
- understand and explain the social worker's place in the law and in the court;
- discuss the advantages of specialist training in social work;
- discuss the different courts in South Africa and explain the whole court system and court procedures;
- explain and describe the whole course of the criminal procedure.
- discuss and explain the law of evidence and the requirements of an expert in court;
- know and apply the sections in the Criminal Procedure Act, Act 51 of 1977 that are of importance to the social worker;
- explain the different theories of punishment and the different forms of sentencing;

- place divorce in South Africa in perspective, together with concomitant legislation; and
- write the different reports to court. (Pre-sentence, Custody)

Method of delivery:	Full-time
Method of assessment:	

Module code: **BSWG413**	**Semester 1**	**NQF-level: 8** **Credits: 8**
Title:	Social Work in host settings (PC & VTC)	

Module outcomes:
After completion of the module, the student should be able to:
- discuss the psychosocial aspects of health, illness and disability;
- explain emotional reactions to a disabling condition or disorder;
- understand the attitudes, values and ethics for health care professionals;
- discuss the psychosocial issues in selected health conditions, illnesses and disabilities; and
- discuss the different psychosocial interventions.

Method of delivery:	Full-time

Module code: **BSWG414**	**Semester 1**	**NQF-level: 8** **Credits: 8**
Title:	Social work services re specific client systems (PC & VTC)	

Module outcomes:
After completion of the module, the student should be able to:
- identify the characteristics and problems of the aged;
- interpret the social policy and legislation regarding the aged;
- identify the available resources, facilities, services, programmes and projects regarding the aged;
- understand the phenomenon of HIV and AIDS;
- describe the theories on HIV and AIDS;
- interpret the social policy and legislation regarding HIV and AIDS;
- identify the available resources, facilities, services, programmes and projects regarding HIV and AIDS;
- outline poverty as a universal phenomenon and analyse the theories underlying this problem phenomenon;
- identify and analyse the causes and consequences of poverty;
- interpret the social policy and legislation on poverty;
- identify the available resources, facilities, services, programmes and projects regarding poverty;
- identify the different forms of disability;
- interpret the social policy and legislation regarding disabilities; and
- identify the available resources, facilities, services, programmes and projects regarding disabilities.

Method of delivery:	Full-time

Module code: **BSWG415**	**Semester 1**	**NQF-level: 8** **Credits: 12**
Title:	Family and child therapy	

Module outcomes:
After completion of the module, the student should be able to:
- understand the concept 'family' and from his/her own personal and professional values and ethical standards;
- discuss the complexity of family functioning;
- explore who the family is and assess a family within the entire family system;
- analysing the family system's functioning and identifying the family's strengths and areas in which change must take place;
- plan and select evidence-based family intervention possibilities;
- link assessment and intervention;
- evaluate the theoretical perspectives of dealing with children and explain their applicability;
- explain the basis of play therapy as put forward by the Gestalt and Rational Emotive Therapies (RET);
- indicate how a therapeutic relationship with a child can be created, based on certain objectives;
- explain the various techniques/aids of each play form and evaluate each technique regarding its usefulness;

- explain the development and the purpose of fantasy in children;
- describe how the social worker can improve communication with children;
- explain how loss and trauma can affect children's behaviour, and suggest solutions;
- describe and apply play techniques in assessing the sexual abuse of children;
- explain and facilitate the reasons why children do not disclose that they are being or had been abused;
- describe and overcome the problems a social worker might encounter when working with children.

Method of delivery:	Full-time

Module code: **BSWG416**	**Semester 1**	**NQF-level: 8** **Credits: 8**

Title:	Social work interventions with regard to substance abuse and dependency

Module outcomes:

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

- understand various programmes and strategies being implemented by both private and public entities in the fight against substance abuse and dependency;
- demonstrate expertise regarding different victims of substance abuse, such as alcoholics and persons addicted to other dependency-forming substances, as well as juvenile and adult victims, such as women, teenagers and aged dependants in the proposed service delivery;
- plan and deliver a variety of professional services to prevent dependency;
- implement earlier interventions and other forms of treatment regarding the victims of substance abuse and their next of kin;
- identify, explore and develop existing services as well as facilities in the community in a professional way in the interest of victims of substance abuse and their next of kin;
- act correctly during service delivery according to the values and principles of the profession and the code of ethics for social workers;
- continuously follow a client-orientated approach in all social work action regarding substance abuse;
- master interpersonal skills that are required for the provision of services within a multi-disciplinary group; and
- communicate knowledge in a scientific way, besides the mastering and application of knowledge on substance abuse.

Method of delivery:	Full-time

Module code: **BSWG417**	**Semester 1**	**NQF-level: 8** **Credits: 8**

Title:	Diversity in Social Work

Module outcomes:

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

- explain and motivate the theoretical framework from which multi-cultural social work is undertaken;
- explain and provide motivation for constructs in regard to culture and cultural competence;
- act with sensitivity and empathy towards different clients and handle each with self-knowledge and openness;
- identify personal preferences and prevent the enforcement of own values and norms;
- fight against critical factors such as discrimination and apply ethical principles in practice;
- apply theoretical concepts regarding diversity in the social work practice;
- utilise culturally defined behaviour patterns in a community in order to provide successful services;
- question critical social issues and the preservation thereof and point out possible negative effects and probable solutions;
- propose and apply strategies to discontinue unfair practices;
- effectively implement the elements of knowledge and skill of a social worker in a multi-cultural environment,
- set realistic aims regarding a diverse client system and supply the best possible service within diverse communities; and
- act with dignity for and towards all prospective clients

Method of delivery:	Full-time

Module code: BSWG418	Semester 1	NQF-level: 8 Credits: 8
Title:	Practice management in Social Work	

Module outcomes:
After completion of the module, the student should be able to:
- describe, interpret and implement the process underlying case management;
- understand the organizational context;
- effectively manage their own work and caseloads in a professionally accountable way; and
- critically evaluate the role of supervision in social work practice.

Method of delivery:	Full-time

Module code: BSWG471	Semester 1 & 2	NQF-level: 8 Credits: 48
Title:	Internship (advanced practice intervention) (PC & VTC)	

Module outcomes:
After completion of the module, the student should be able to:
- understand and comply with the practical training requirements of the university and practical training organisations;
- understand and make use of the practical training organisation where he/she will be doing the mini-internship, as well as the community context within which it functions;
- demonstrate professional-ethical judgement;
- deliver to individuals the social work services that they need;
- deliver the social work group-work services that are required;
- deliver the community service and community development services that are required;
- apply the required practical management skills;
- compile a research proposal;
- demonstrate communication skills;
- demonstrate insight into the resources with regard to social security; and
- demonstrate insight into statutory policy and tasks as well as applicable forms that need to be completed.
- meet the requirements of the SACSSP;
- display professional-ethical judgement;
- establish networks and cooperate in team context;
- understand the vision, mission and business of a professional society, as well as the role of trade unions and professional insurance;
- handle applications for vacancies (including the writing of a curriculum vitae) and the employment process;
- identify his/her own needs with regard to being integrated into a new community and job milieu;
- utilise supervision meaningfully;
- function in a new job milieu with the necessary professionalism;
- demonstrate a coherent and critical understanding of social problems and different fields of practice;
- deal with concrete and abstract problems and issues using evidence-based solutions and theory-driven arguments;
- demonstrate a rounded knowledge of contemporary social issues and selected fields of practice;
- present and communicate information on own ideas and opinions in well-structured arguments, showing an awareness of audience and using academic and professional discourse appropriately; and
- prove the quality of his/her professional equipment during an oral exam.

Method of delivery:	Full-time

Module code: BSWG472	Semester 1 & 2	NQF-level: 8 Credits: 24
Title:	Social work research: theory and practice	

Module outcomes:
After completion of the module, the student should be able to:
- practice of social work research;
- comprehend the research process, including the pilot study, sampling, the research design, models and procedures;
- carry out the working method of the social work researcher.

- discuss the requirements and content of a research proposal;
- understand the requirements and content of a research report;
- distinguish between the different types of research reports;
- understand the nature of study guidance and study utilisation and optimally utilise it;
- bring applicable literature into context with empirical data and integrate it;
- understand basic statistics and graphic representation of data;
- explain the different aspects of measurement; and
- reproduce in writing the results of the research in a research report

Method of delivery:	Full-time

Module code: **CHEM111**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Introductory inorganic and physical chemistry	

Module outcomes:

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

- demonstrate fundamental knowledge and insight into the properties of substances and compounds, intermolecular interaction, aqueous solutions, chemical equilibriums, acids and bases, formation of precipitates and electron transfer reactions, and apply this knowledge in order to write and name chemical formulae;
- balance reaction equations, use stoichiometric and other calculations to find an unknown quantity, and explain trends and relationships out of the periodic table (principal groups);
- demonstrate skills in the application of laboratory and safety regulations; and
- explain observed chemical phenomena, do calculations in connection with them and understand their applications in the industry and environment.

Method of delivery:	Full-time

Module code: **CHEM121**	**Semester 2**	**NQF-level: 5** **Credits: 12**
Title:	Introductory organic chemistry	

Module outcomes:

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

- demonstrate knowledge and insight to classify and name organic compounds;
- know the physical properties and chemical reactions of unsaturated hydrocarbons, alkyl halides, alcohols, carbonyl compounds, carboxyl acids and their derivatives, as well as single aromatic compounds; and
- describe the mechanism of selected organic reactions.

Method of delivery:	Full-time

Module code: **FBCG211 [G413P]**	**Semester 1**	**NQF-level: 6** **Credits: 8**
Title:	Pharmaceutical Biochemistry	

Module outcomes:

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

- A detailed knowledge and understanding of:
  - (a) the structure and function of biological molecules, enzyme mechanisms and regulation, basic concepts in metabolism and the synthesis of DNA, RNA and proteins.
  - (b) how knowledge of pharmaceutical biochemistry relates to applicable knowledge within the fields of pharmacy; and
  - (c) the origin and development of knowledge within the field of pharmaceutical biochemistry, and critical understanding of schools of thought and forms of explanations typical within the field of pharmacy;
- the ability to select, evaluate and apply with discernment standard biochemical procedure to solve fundamental problems in a defined environment in die field of pharmacy;
- the ability to distinguish and solve clinical case studies in unfamiliar contexts and to apply the solutions to support diagnosis in the practice of pharmacy;
- Acquire, analyze, evaluate and synthesize pharmaceutical biochemistry principles and methods from various relevant discipline-related sources, to apply your research to a given context in the field of pharmacy;

Method of delivery:	Full-time

Method of assessment:	Pc 1x2 hours 1 : 1	
Module code: **FCAG121 (G412P)**	**Semester 2**	**NQF-level: 5** **Credits: 12**
Title:	Introductory pharmaceutical calculations	

Module outcomes:

For this module, outcomes are divided into four levels namely: knowledge, skills, competency and values.

Knowledge

After completion of the module, the student should reflect sound knowledge with regard to:

- fundamental mathematic operations applicable to pharmaceutical calculations;
- calculations of ratio's;
- calculations of percentages;
- calculations of dilutions; and
- simple statistical concepts (including normal distribution of data, standard deviation and relative standard deviation).

Skills

After completion of the module, the student should reflect skills to:

- apply fundamental mathematical principles correctly and use them accurately in solving relevant pharmaceutical problems;
- apply fundamental statistics principles correctly and use them accurately in solving relevant pharmaceutical problems

Competency

After completion of the module, the student should reflect competency to:

- correctly and accurately apply relevant mathematical calculations by thinking and reasoning to solve problems with the dispensing of prescriptions.

Values

After completion of the module, the student should have values to:

- act in an ethical manner with regard to the calculations for dispensing a prescription and relevant pharmaceutical problems.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FCAG122 [G413P]**	**Semester 2**	**NQF-level: 5** **Credits: 12**
Title:	Pharmaceutical calculations	

Module outcomes:

After completion of the FCAG 122 module, the student will demonstrate the following:

- knowledge and informed understanding of the terminology and definitions related to, as well as the nature and applicability of different pharmaceutical dosage forms and routes of administration;
- informed understanding and an ability to correctly apply the terms, rules, principles and formulas for basic mathematical calculations related to the field of Pharmacy in general and dispensing of prescriptions in particular;
- ability to distinguish, evaluate and solve routine and new problems or issues related to the field of pharmaceutical calculations in defined contexts and to test the application of recommended solutions to support development of practical skill, accuracy and professionalism in this field;
- an ability to communicate motivated choice of formulas and calculations as well as mathematical solutions verbally and in accurate scientific writing, with understanding of rules on copyright and plagiarism, and the ethical considerations prevalent when involved with correct dispensing of medicine.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FCHG221** ***(Phase out end 2013; close end 2014)***	**Semester 2**	**NQF-level: 6** **Credits: 16**
Title:	Introductory Medicinal Chemistry	

Module outcomes:

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

- understand the pharmaceutical importance of stereochemistry;

- reflect insight in chiral molecules of drugs;
- reflect a sound knowledge of the chemistry and biological properties of nature products ;
- reflect a sound knowledge of the chemistry and biological properties of inorganic medicinal products;
- show appropriate skills in terms of cooperation in the healthcare team;
- use acquired knowledge to advise patients on the correct and safe usage of natural products and inorganic medicinal products as single products or in combination therapy;
- demonstrate appreciation of the role of stereochemistry in the use of medicine;
- maintain and demonstrate strong ethical principles in drug therapy.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FCHG222**	**Semester 2**	**NQF-level: 6** **Credits: 12**

Title:	Pharmaceutical Chemistry IB

Module outcomes:

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

- understand the pharmaceutical importance of stereochemistry;
- reflect insight in chiral molecules of drugs;
- demonstrate a sound knowledge of the chemistry and biological properties of nature products;
- demonstrate a sound knowledge of the chemistry and biological properties of inorganic medicinal products;
- demonstrate relevant competency and skills in terms of cooperation within the health care team;
- use acquired knowledge to advise the patient on the correct and safe usage of natural products and inorganic medicinal products (both in single and combination therapy);
- demonstrate appreciation of the role of stereochemistry in the use of medicine
- communicate scientifically in different media, and formulate matters carefully, unambiguously and concise using the correct methodology;
- use a library effectively to gather/unlock relevant chemical and biological literature;
- solve problems independently and in a group through creative and critical reasoning and through the use of knowledge, literature and research concepts;
- maintain and demonstrate strong ethical principles during drug therapy.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FCHG311 (*Phase out end 2014; close end 2015)***	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Pharmaceutical analysis

Module outcomes:

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

- illustrate proficiency of the principles involved in the analytical methods of the prescribed pharmacopoeia and to carry out selective methods in the laboratory and communicate results effectively;
- evaluate these procedures of an analytical method and give an opinion about it;
- conduct simple, applicable problem solving;
- function successfully in groups;
- conscientiously meet with conventions and ethical codes of quality control in compliance with a patient orientated approach.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FCHG312 *(Phase in in 2014)***	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Pharmaceutical Chemistry IIA

Module outcomes:

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

- show expertise in the principles on which the analytical methods in the prescribed pharmacopoeias are based;

- carry out selected analytical methods in the laboratory and interpret and communicate these results effectively;
- evaluate the procedures of these analytical methods and express a qualified opinion regarding it;
- conduct simple, applicable problem solving;
- successfully cooperate in a group;
- strictly adhere to conventions and ethical codes for quality control in compliance with a client orientated approach.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FCHG321** ***(Phase out end 2013; close end 2015)***	**Semester 2**	**NQF-level: 7** **Credits: 16**

Title:	Medicinal Chemistry

Module outcomes:

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

- relate chemical interests in organic compounds with their chemical reactivity, physical-chemical properties and biological activity;
- discuss and apply the origin of drugs and drug lead compounds and the principles and methods of drug development in an example;
- understand and apply the role of organic chemistry in drug design for example the theoretical design of drugs from lead compounds;
- describe and apply structural and quantitative structure-activity relations (SAR and QSAR) and the use thereof in drug design;
- define drug-receptor interactions and the implications thereof for drug design, with application examples;
- discuss the basic skeleton and methods for syntheses or acquiring different classes of drugs;
- know the uses, operating mechanism and methods for analyzing different classes of drugs;
- use the library effectively for retrieving chemical and biological literature;
- communicate scientifically in different media and formulate formulate matters carefully, unambiguously and concise by using the correct terminology;
- solve problems independently with creative and critical thinking and by using knowledge, literature and research concepts;
- function independantly in a group or in leadership role;
- use acquired knowledge to form a special attitude towards medicine and realize his/her responsibility in handling medicine.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FCHG322 *(Phase in 2014)*	Semester 2	NQF-level: 7 Credits: 12
Title:	Pharmaceutical Chemistry IIB	

Module outcomes:

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

- evaluate the role of drug targets, drug-target interactions and the attainment and optimisation of lead compounds in drug design, in addition to the principles and methods of drug development.
- discuss the chemical properties of organic compounds in relation to their chemical reactivity, physicochemical properties and biological activity and its application in practice;
- describe and apply structure activity relationships (SAR) and its use in drug design;
- discuss the basic scaffold (which includes stereochemistry) and methods for the synthesis or attainment of drugs from different classes and the application thereof;
- know the uses, mechanism of action and methods for the analysis of drugs from different classes;
- effectively use the library for the exploitation of chemical and biological literature;
- use a variety of media to communicate scientifically and be able to express ideas accurately, unambiguously and concisely using the correct subject terminology;
- independently find a solution to problems through creative and critical thinking by employing knowledge, literature and research concepts;
- function independently in a group or act as a leader;
- form an exceptional attitude towards medicine through knowledge obtained and realise your responsibility in the handling thereof; and
- perform a simple organic synthesis in the laboratory by employing standard methods and be able to communicate the results effectively.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FCHG411 *(Phase in in 2013)*	Semester 1	NQF-level: 8 Credits: 8
Title:	Metabolism and Pro-Drug development	

Module outcomes:

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

- explain the metabolism, deactivation and elimination of given drugs and
- describe the mechanism of bio activation for given carrier-bonded and bio-precursor drugs.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FCHG412 *(Phase in in 2015)*	Semester 1	NQF-level: 8 Credits: 16
Title:	Pharmaceutical Chemistry IIIA	

Module outcomes:

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

- reflect an extensive and systematic knowledge of the metabolic activation, -deactivation and elimination of drugs and prodrugs;
- relate chemical properties of drugs to the metabolic activation, deactivation and elimination of drugs and prodrugs;
- apply the principles of organic chemistry and drug design in the design of prodrugs and the bio-activation and metabolism thereof;
- demonstrate a comprehensive and systematic knowledge of the physico-chemical and biological properties required for compounds to acts as effective drugs;
- apply the principles of organic chemistry and biopharmaceutics in the design of compounds exhibiting the designated properties to act as effective drugs;
- evaluate chemical structures in terms of their physico-chemical properties and the ability to present structure modifications necessary to improve drug properties;
- communicate scientifically in different media, and formulate matters carefully, unambiguously and concise using the correct methodology;
- solve problems independently and in a group through creative and critical reasoning and through the

use of knowledge, literature and research concepts;
- use a library effectively for retrieving relevant chemical and biological literature;
- form an exceptional attitude towards medicine through knowledge obtained and realise your responsibility in the handling thereof..

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FELG421 (G412P)**	**Semester 2**	**NQF-level: 8** **Credits: 8**
Title:	Choice project	

Module outcomes:
After completion of the module, the student should be able to:
- retrieve applicable literature, study it and apply it in a project;
- evaluate and analyse a research project or practice problem and make recommendations to solve the problem;
- plan and execute applicable experiments in a research problem and process the results;
- draft a report with regard to a research/practice problem; and
- communicate a certain research/practice problem verbally.

Method of delivery:	Full-time
Method of assessment:	Pc – No examination (Project work)

Module code: **FGPO271 (G412P)** ***(Phase out end 2013)***	**Semester 1 & 2**	**NQF-level: 6** **Credits: 4**
Title:	Structured practice training I	

Module outcomes:
After completion of the module, the student should be able to:
- Submit proof of exposure to, introduction to and taking cognisance of: *product variety*: pharmaceutical products and its different dosage forms and indications; *medicine supply and regulation:* acquisition, storage and re-packaging of medicine, and *dispensing of medicine:* prescriptions, preparation of medicine, scheduling, labeling and advising.

Method of delivery:	Full-time
Method of assessment:	PC : No examination

Module code: **FGPO371 (G412P)**	**Semester 1 & 2**	**NQF-level: 7** **Credits: 4**
Title:	Structured practice training II	

Module outcomes:
After completion of the module, the student should be able to:
- submit proof of the competencies and insight with regard to the practical application of theoretical knowledge concerning: (i) *Product choice*:- Pharmaceutical and pharmacological knowledge of pharmaceutical products, its different dosage forms, indication, advantages and disadvantages; (ii) *Medicine Supply*: management of medicine supply related to control, acquisition, storage and distribution of pharmaceutical material and products, (iii) *Dispensing of medicine*: Interpretation of prescriptions, preparation, labeling and advising, (iv) *Regulation of medicine*: Insight in the implications of regulatory aspects (laws) of pharmacy keeping and medicine supply, dispensing; a pharmacy, the pharmacist and the patient (in other words complete pharmacy regulatory framework); (v) *Client service*: pharmaceutical care principles and business aspects, as well as comfortable socializing in a multi cultural environment as part of health care and pharmaceutical care; (vi) *Ethical aspects of dispensing*: living out ethical-professional thoughts and behaviour in certain contexts.

Method of delivery:	Full-time
Method of assessment:	PC : No examination

Module code: **FGPO471 (G412P)**	**Semester 1 & 2**	**NQF-level: 8** **Credits: 4**
Title:	Structured practice training III	

Module outcomes:
After completion of the module, the student should be able to:

- demonstrate that theoretical knowledge and skills concerning analytical thinking, synthesis and problem solving can be applied to ensure effective pharmaceutical services with regard to the following: (i) Product choice:- selection of pharmaceutical and related health products and suitable dosage forms taking medicine supply, economic-, pharmaceutical-, pharmacological-, pathological- and care principles into consideration (ii) Medicine Supply: solving of case studies with regard to medicine supply taking accepted economic-, pharmaceutical-, and practice principles into consideration, (iii) dispensing of medicine: Interpretation of prescriptions, interaction forecasts, consultation and communication with medical and other health personnel, practical preparation of specific dosage forms, implication of labeling and giving advise (iv) regulation of medicine: Insight in the implications of regulatory aspects (laws) of pharmacy keeping and medicine supply, dispensing, the pharmacy, the pharmacist and the patient; (in other words all pharmacy regulatory framework) (v) Client service: application of pharmaceutical care principles and business aspects, as well as comfortable socializing in a multi cultural environment as part of health care and pharmaceutical care; (vi) IT and communication skills: application of computer and internet skills in effective communication, management and problem solving (vii) Ethical aspects of dispensing : live out ethical and professional norms and behaviour in problem situations as well as a positive attitude against the profession.

Method of delivery:	Full-time
Method of assessment:	Pc : No examination

Module code: **FKLG211** ***(Phase out BPharm 2013, close end 2014)***	**Semester 1**	**NQF-level: 6** **Credits: 16**
Title:	Pharmacology I	

Module outcomes:

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

- demonstrate a basic knowledge and understanding of the basic principles of pharmacodynamics, pharmacokinetics, and toxicology in pharmacology;
- demonstrate and apply general knowledge of pharmacological classification of drugs, with examples;
- demonstrate skills with respect to the dosage calculations of various dosage forms;
- find the most recent or missing information on drugs and treatment in appropriate sources;
- evaluate uncomplicated pharmacological treatment regimes and give meaningful advise;
- interpret prescribed pharmaco-therapeutic and additional treatment regimes within an ethical, accountable framework, and carry out limited drug selection for uncomplicated health disorders.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG212**	**Semester 1**	**NQF-level: 6** **Credits: 16**
Title:	Pharmacology IA	

Module outcomes:

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

demonstrate a basic knowledge and understanding of:

- the basic principles of pharmacodynamics, pharmacokinetics, and toxicology in pharmacology;

reflect well-rounded knowledge of:

- basic principles of transduction systems and their link with the action of medicine;
- relate all the processes involved in neurotransmission to certain drug operation in the peripheral nervous system
- apply knowledge on the operation of drugs in the peripheral nervous system and relate this to the various illnesses associated with this system
- understand the pharmaco-kinetic principles and terminology regarding the drugs discussed in the module as well as the application thereof

show the necessary competencies and skills to:

- retrieve and verify information from sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for certain illnesses;
- communicate information and advice in accurate, coherent and scientific written and verbal communication to patients, the public and health professions;
- use appropriate technology in performing duties and responsibilities, technology and research;
- function effectively as member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the

module concerned;
on the basis of an established ethical-moral value system:
- act in the interests of the patient.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG221** ***(Phase out 2013, close end 2014)***	**Semester 2**	**NQF-level: 6** **Credits: 24**
Title:	Pharmacology II	

Module outcomes:
After completion of the module, the student should be able to:
- understand and apply the basic principles of transduction systems and their link with medicine;
- relate all the processes involved in neurotransmission to certain drug operation in the peripheral nervous system
- apply knowledge on the operation of drugs in the peripheral nervous system and renal system and relate this to the various illnesses associated with these systems
- understand the physiological role of the autacoids and relate this to the operation of drugs that influence the effects of these substances;
- understand the pharmacology of drugs that have an effect on prostaglandin biosynthesis and integrate this with the treatment of fever, inflammation, pain, rheumatoid arthritis, gout and migraine;
- understand the relevant aspects involved in the operation of drugs in the respiratory and digestive systems and relate these to the various illnesses associated with these systems;
- relate the physiological role of vitamin, mineral and food supplements with therapy for selected illnesses;
- understand the pharmaco-kinetic principles and terminology regarding the drugs discussed in the module, and show the necessary competencies and skills to:
- retrieve and verify information from sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for certain illnesses;
- communicate information and advice in writing and verbally to patients, the public and health professions;
- use appropriate technology in performing duties and responsibilities, technology and research;
- function effectively as member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;
- act in the interests of the patient from an established ethical-moral value system.

Method of delivery:	Full-time
Method of assessment:	Pc 2x2 hours 1 : 1

Module code: **FKLG222**	**Semester 2**	**NQF-level: 6** **Credits: 16**
Title:	Pharmacology IB	

Module outcomes:
After completion of this module, the student should be able to:
reflect well-rounded knowledge of:
- all the aspects involved in the operation of drugs in the cardiovascular and haemapoetic systems and relate this to selected cardiovascular diseases;
- understand the physiological role of the autacoids and relate this to the operation of drugs that influence the effects of these substances;
- understand the pharmacology of drugs that have an effect on prostaglandin biosynthesis and integrate this with the treatment of fever, inflammation, pain, rheumatoid arthritis, gout and migraine;
- understand the relevant aspects involved in the operation of drugs in the respiratory system and relate these to the various illnesses associated with this system;

show the necessary skills and competencies to:
- retrieve and verify information from appropriate sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for certain illnesses;
- communicate information and advice in accurate, coherent and scientific written and verbal

communication to patients, the public and health professions;
- use appropriate technology in performing duties and responsibilities, technology and research;
- function effectively as member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;

on the basis of an established ethical-moral value system:
- act in the interests of the patient.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG311** ***(Phase out 2014, close end 2015)***	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Pharmacology III	

Module outcomes:
After completion of the module, the student should:
-reflect basic knowledge of:
- the psychopathology of the various psyciatric disturbances;
- the symptoms and signs of a few neurological conditions (headache, migraine, epilepsy and Parkinsons disease);

-reflect well-rounded knowledge of:
- all the aspects involved in the operation of drugs in the central nervous system and relate this to the various psychiatric and neurological diseases;
- the pharmacology of opioid analgesics, local- and general anesthetics;
- all aspects involved in the operation of drugs in the cardiovascular system and relating these to selected cardiovascular conditions;

-show the necessary skills and competencies to:
- retrieve and verify information from appropriate sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for certain illnesses;
- treat patients with a dependency problem in an appropriate professional manner ;
- communicate information and advice in writing and verbally to patients, the public and health professions;
- function effectively as member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;
- act in the interests of the patient from an established ethical-moral value system.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG312**	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Pharmacology IIA	

Module outcomes:
After completion of this module, the student should be able to:
reflect basic knowledge of:
- the psychopathology of the various psychiatric disturbances;
- the symptoms and signs of a few neurological conditions (headache, migraine, epilepsy and Parkinsons disease);

reflect well-rounded knowledge of:
- all the aspects involved in the operation of drugs in the central nervous system and relate this to the various psychiatric and neurological diseases;
- the pharmacology of opioid analgesics, local- and general anaesthetics;
- understand the relevant aspects involved in the operation of drugs in the digestive system and relate these to the various illnesses associated with this system;

show the necessary skills and competencies to:
- retrieve and verify information from appropriate sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for certain illnesses;

- treat patients with a dependency problem in an appropriate professional manner ;
- communicate information and advice in accurate, coherent and scientific written and verbal communication to patients, the public and health professions;
- use appropriate technology in performing duties and responsibilities, technology and research;
- function effectively as member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;

on the basis of an established ethical-moral value system:

- act in the interests of the patient.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG321** ***(Phase out 2014, close end 2015)***	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Pharmacology IV	

Module outcomes:

After completion of the module, the student should:

-reflect basic knowledge of:

- the microbic causes, general symptoms and signs of infections and infestations.

-reflect well-rounded knowledge of:

- the pharmacologic properties and pharmaco-therapeutic principles of drugs against microbial infections and parasitic infestations;
- suitable drug treatment for specific infectious conditions with due consideration of special circumstances like pregnancy, pediatric and geriatric patients;

-show the necessary skills and competency to:

- retrieve and verify information from appropriate sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for certain illnesses;
- communicate information and advice in writing and verbally to patients, the public and health professions;
- function effectively as member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;
- act in the interests of the patient from an established ethical-moral value system.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG322**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Pharmacology IIB	

Module outcomes:

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

reflect basic knowledge of:

- the microbic causes, general symptoms and signs of infections and infestations.
- pharmacological and pharmaco-therapeutic principles, applied in the chemo therapy of neoplastic conditions, and the therapy of dermatological conditions;
- the etiology (microbiological as well as immunological) of specific skin conditions as well as the symptoms and signs of specific skin conditions;

reflect well-rounded knowledge of:

- the pharmacologic properties and pharmaco-therapeutic principles of drugs against microbial infections and parasitic infestations;
- suitable drug treatment for specific infectious conditions with due consideration of special circumstances like pregnancy, pediatric and geriatric patients;
- the therapy of dermatological conditions;

show the necessary skills and competency to:

- retrieve and verify information from appropriate sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for the treatment of infections and infestations and other relevant illnesses;

- communicate information and advice in accurate, coherent and scientific written and verbal communication to patients, the public and health professions;
- use appropriate technology in performing duties and responsibilities, technology and research;
- function effectively as member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;
- on the basis of an established ethical-moral value system: act in the interests of the patient.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG411**	**Semester 1**	**NQF-level: 8** **Credits: 16**

Title:	Pharmacology V

Module outcomes:

After completion of the module, the student should:

-reflect basic knowledge of:

- symptoms and signs of specific endocrine illnesses and special examinations;

-reflect well-rounded knowledge of:

- all the aspects involved in the operation of drugs in the endocrine system and relate this to the various endocrine illnesses;
- suitable drug treatment for specific endocrine conditions with due consideration of special circumstances like pregnancy, pediatric and geriatric patients;

-show the necessary skills and competency to:

- retrieve and verify information from sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for treatment;
- communicate information and advice in writing and verbally to patients, the public and health professions;
- function as a member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;
- act in the interests of the patient from an established ethical-moral value system.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FKLG412 [G413P]**	**Semester 1**	**NQF-level: 8** **Credits: 16**

Title:	Pharmacology IIIA

Module outcomes:

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

reflect basic knowledge of:

- symptoms and signs of specific endocrine illnesses and special examinations;

reflect well-rounded knowledge of:

- suitable drug treatment of selected immunologic conditions;
- all the aspects involved in the operation of drugs in the endocrine system and relate this to the various endocrine illnesses;
- suitable drug treatment for specific endocrine conditions with due consideration of special circumstances like pregnancy, pediatric and geriatric patients;

show the necessary skills and competency to:

- retrieve and verify information from sources;
- make differential diagnoses within the context of the module;
- select suitable drugs for treatment;
- communicate information and advice in accurate, coherent and scientific written and verbal communication to patients, the public and health professions;
- use appropriate technology in performing duties and responsibilities, technology and research;
- function as a member of a group/team;
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;
- on the basis of an established ethical-moral value system: act in the interests of the patient.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FKLG421**	**Semester 2**	**NQF-level: 8** **Credits: 16**
Title:	Pharmacology VI	

Module outcomes:

After completion of the module, the student should:

-reflect basic knowledge of:

- pharmacological and pharmaco-therapeutic principles, applied in the chemo therapy of neoplastic conditions, and the therapy of dermatological conditions;
- the etiology (microbiological as well as immunological) of specific skin conditions as well as the symptoms and signs of specific skin conditions;
- immunization and immunization schedules;

-reflect well-rounded knowledge of:

- the therapy of dermatological conditions;
- suitable drug treatment for conditions of the haemopoietic system and selected immunologic conditions;
- sexual health and dysfunction and related therapy;
- the application of pharmaco-kinetic and pharmaco-dynamic processes in specific patient populations;

-reflect an extensive and systematic knowledge of:

- the pharmacology and therapy (therapeutical and main undesirable effects of appropriate mechanisms by which they are elicited, clinically important kinetics, main clinical uses and clinical important drug interactions) of all groups of drugs (as included in this and all the preceding modules of pharmacology);

-show the necessary skills and competency to:

- retrieve and verify information from sources;
- make differential diagnoses within the context of the module;
- select suitable drugs against a variety of illnesses and identify and analyze them in an integrated manner in complex scenarios;
- communicate information and advice in writing and verbally to patients, the public and health professions;
- function effectively as member of a group/team
- resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in an integrated clinical context of all drugs
- act in the interest of the patient within an established ethical moral value system

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1 + verbal evaluation 1:1	
Module code: **FLGX113**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Introductory Physiology	

Module outcomes:

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

- demonstrate basic knowledge with regard to structural and chemical compounds in the human body, the cell structure, different membrane transfer systems, homeostatic control systems, ensyme functioning, membrane potential and cellular communication as foundation for further study in physiology.
- Know and use the relevant subject related terminology.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x2 hours 1 : 1	
Module code: **FLGX123**	**Semester 2**	**NQF-level: 5** **Credits: 12**
Title:	Membrane and Muscle Physiology	

Module outcomes:

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

- reflect a sound knowledge of the biophysical (potential differences, charge, current flow) and biochemical character (chemical composition of ion channels, conformation changes of channel

proteins, ligand-receptor-interactions) of membrane physiology;
- reflect a sound knowledge of the importance of membrane physiology in the control of physiological functions through the change in membrane permeability;
- reflect a basic knowledge of the cellular communication and information transfer as essential substructure for further study;
- demonstrate fundamental knowledge of the functional anatomy of muscle tissue, the molecular mechanism of contraction, the processes associated with excitation-contraction coupling and neuromuscular junction, as well as to discuss its applications, for example food poisoning;
- understand and apply the principles of muscle mechanics in the use of e.g. exercise apparatus;
- describe and apply the energy metabolism of muscle contraction in for example exercise;
- distinguish between skeletal muscle, smooth muscle and heart muscle and the practical use of the differences indicated;
- discuss and illustrate with effective examples the control and coordination of motor movement;
- show the ability to identify and analyze the causes and consequences of muscle deviations such as myasthenia gravis, muscle dystrophy, rigor mortis, hypertrophy and atrophy.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: **FLGX114**	**Semester 1**	**NQF-level: 5** **Credits: 12**

Title:	Introductory Physiology for BA and BSc Consumer Sciences

Module outcomes:
After completion of the module, the student should be able to:
- reflect basic knowledge regarding the alimentary canal, food digestion, absorption and digestion, nutrition and metabolism, temperature regulation, the urinary system, the fluid and electrolyte balance, and sensory receptors;
- know and be able to use the relevant technical terminology;
- reflect knowledge of the sources in which scientific information about physiology appears;
- be able to apply the basic knowledge that is acquired to the practice of your future occupation; and
- demonstrate an ethical responsible attitude to human physiology.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: **FLGX124**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Muscle Physiology for BA

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate basic knowledge about the muscle system, nerve supply to the muscles, functioning of the muscles, heart and respiratory system;
- know and use relevant terminology;
- apply basic knowledge in a future career in practice;
- retrieve scientific information about physiology from different sources;
- demonstrate ethical aspects in the human physiology.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: **FLGX213**	**Semester 1**	**NQF-level: 6** **Credits: 16**

Title:	Endocrine system and digestion

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate the characteristics and functioning of hormones and endocrine glands;
- demonstrate insight into the chemical classes of hormones with examples and physiological functions of hormones in each class;
- apply hormones as chemical messengers in homeostatic control mechanisms;
- demonstrate a sound knowledge of hormone synthesis, secretion and the control of secretion, transport, metabolism, mechanisms of hormone functioning, and the hypothalamus-hypophysis

control system;
- apply knowledge of endocrinology in order to explain endocrine abnormalities such as inter alia diabetes mellitus and hypo- or hyperthyroidism;
- demonstrate fundamental knowledge of the functional anatomy, design, function and control (neural and hormonal) of the digestive tract and associated organs; and
- demonstrate the ability to identify and analyze causes and consequences of abnormalities of the digestive tract

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FLGX223**	**Semester 2**	**NQF-level: 6** **Credits: 8**

Title:	Physiological defense mechanisms

Module outcomes:
After completion of the module, the student should be able to:
- use the relevant scientific terminology, demonstrate a sound knowledge of the defense mechanisms, including the role of the skin as first line of defense, the non-specific and specific defense mechanisms of the body, as well as the way the body fights the invasion of viruses and bacteria, and also the formation of cancer cells.
- reflect a knowledge of coagulation of blood and the mechanism for limiting the loss of blood (loss of blood may threaten the survival of the body).
- substantiate the value of knowledge of the physiological defense mechanisms for human health and also be able to argue and solve relevant physiological defense mechanism problems in an integrated manner.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: **FLGX224**	**Semester 2**	**NQF-level: 6** **Credits: 8**

Title:	Metabolism

Module outcomes:
After completion of the module, the student should be able to:
- discuss the role of adenosine triphosphate (ATP), energy sources and metabolism rate;
- draw and explain diagrams and schematic representations of the most important metabolic ways such as glycogenesis, glycogenolysis, glucose, Krebs cycle and oxidative phosphorylation;
- communicate about aspects of carbohydrate, lipid and protein metabolism; and
- discuss the characteristics, causes and consequences of metabolic deviations such as ketosis and atherosclerosis.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: **FLGX312**	**Semester 1**	**NQF-level: 7** **Credits: 8**

Title:	Excretion

Module outcomes:
After completion of the module, the student should be able to:
- discuss the physiological anatomy of the kidney, and have knowledge of the processes of urine formation, the micturition reflex, as well as the composition of urine.
- reflect knowledge of the role of the kidneys in maintaining the acid-base balance (alkalosis and acidosis) of the body, as well as the maintenance op homeostasis in general, and be able to apply this knowledge in order to explain the role of the kidney in different physiological control processes.
- reflect knowledge about the role of the skin in secretory functions and homeostasis.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FLGX313	Semester 1	NQF-level: 7 Credits: 8
Title:	Respiration	

Module outcomes:

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

- understand the role of the lungs in the maintenance of the internal environment of individual cells and the body;
- understand the ventilation of the lungs where oxygen moves to the alveoli and carbon dioxide as metabolic waste product is removed;
- reflect knowledge of the exchange of oxygen and carbon dioxide by means of passive diffusion in the alveoli, as well as in the tissue;
- describe the structure of hemoglobin, and the role of hemoglobin in the transport of oxygen and carbon dioxide in the blood;
- take note of the cardiovascular system's role in the transport of the respiratory gases to and from the tissue;
- have knowledge of the way in which respiration takes place and how disease affects the respiratory system; and
- have knowledge of the lung as target organ for atmospheric pollutants.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FLGX314	Semester 1	NQF-level: 7 Credits: 16
Title:	Cardiovascular physiology	

Module outcomes:

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

- demonstrate scientific knowledge and insight into the mechanisms, functions, physical characteristics and integrated control of the cardiovascular system;
- understand and apply the development of an electric impulse and the conduction of it over the heart;
- reproduce the process during the cardial cycle and apply it during e.g. cardiac failure and exercise;
- understand the medical physics of pressure, flow and resistance; be able to discuss the microcirculation and the lymphatic system and apply the knowledge in various diseases;
- discuss the vascular distensibility and the functions of the arterial and venous system;
- demonstrate knowledge and insight into the integrated control of the cardiac output, venous return, blood pressure and local blood flow;
- communicate the dominant role of the kidney in the long-term control of the arterial blood pressure and explain different models of hypertension;
- execute and practically apply graphic analysis of heart function;
- show knowledge and insight into the coronary circulation and apply it in coronary disorders;
- apply and integrate knowledge such as in circulatory shock, myocardial infarction and other pathological conditions; and
- identify, solve and/or prevent risk factors for cardiovascular diseases.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FLGX 315	Semester 1	NQF-level: 7 Credits: 8
Title:	Reproductive Physiology	

After completion of the module, the student will demonstrate the following:

- integrated knowledge and understanding of the anatomy, physiology and control of the male and female reproductive systems, the physiological mechanisms of both genders and the principles of development toxicology within the field of reproductive physiology, and an understanding of how that knowledge relates to general reproductive health;
- the ability to identify, analyse and address the physiological adjustments and complications in the body of the mother during pregnancy, the physiological adjustments that takes place in the different systems of the neonate after birth, the changes that takes place during puberty and menopause and the influence of toxic substances on pregnancy and the development of the foetus and use this knowledge in theory driven arguments;
- accurate and coherent written and verbal communication of hormonal contraception, other forms of

contraception, various bacteriological and viral sexually transmitted diseases and the with respect for intellectual property conventions, copyright and rules on plagiarism;
- the reflection of all values, ethical conduct and justifiable decision making regarding moral-ethical matters relating to reproduction;
- the management of a group in an unfamiliar context in order to write a coherent report on a specified reproduction related issue, monitoring the progress of the group and taking responsibility for task outcomes and application of appropriate resources.

Method of delivery:	Full-time
Method of assessment:	50:50

Module code: **FLGX 316**	**Semester 1**	**NQF-level: 7** **Credits: 8**
Title:	Cardiovascular Physiology for Occupational Hygiene	

Module outcomes:

After completion of the module, the student will demonstrate the following:
- scientific knowledge and insight into the mechanisms, functions, physical characteristics and integrated control of the cardiovascular system;
- understanding and the ability to apply the development of an electric impulse and the conduction of it over the heart;
- the ability to reproduce the process during the cardiac cycle and apply it during e.g. cardiac failure and exercise;
- understanding of the medical physics of pressure, flow and resistance; be able to discuss the microcirculation and the lymphatic system and apply the knowledge in various diseases;
- the ability to discuss the vascular distensibility and the functions of the arterial and venous system;
- knowledge and insight into the integrated control of the cardiac output, venous return, blood pressure and local blood flow;
- the ability to communicate the dominant role of the kidney in the long-term control of the arterial blood pressure and explain different models of hypertension;
- the ability to execute and practically apply graphic analysis of heart function;
- knowledge and insight into the coronary circulation and apply it in coronary disorders;
- the ability to apply and integrate knowledge such as in circulatory shock, myocardial infarction and other pathological conditions; and
- the ability to identify, solve and/or prevent risk factors for cardiovascular diseases.

Method of delivery:	Full-time	
Method of assessment:	50:50	
Module code: **FLGX325**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Neurophysiology	

Module outcomes:

After completion of the module, the student should be able to:
- reflect knowledge of the main functions of the nervous system, namely sensory, motor and integration, including neuron structure and function, impulse conduction and synapse functioning;
- reflect a sound knowledge of the functioning of the sensory nervous system, including receptor function, somatic sensation (e.g. pain and dealing with pain), the physiology of sense-organs (e.g. sight, hearing, taste and smell);
- reflect a sound knowledge of the receipt of and reaction on sensory information to understand the functioning of the motor system, including the spinal cord, motor brain cortex, cerebellum and basal ganglia; and
- understand and know the functioning of the higher cortex as integration function of the nervous system, including: dominant hemisphere, verbal and non-verbal intelligence, behavioural and motivational mechanisms, brain activity, epilepsy and sleep.
- understand the mechanisms of the synthesis and operation of the different types of neurotransmitters in order to comprehend the neuropathology of inter alia depression, Tourette's syndrome, Alzheimer's disease, Parkinsonism, schizophrenia, dyslexia, and feeding behaviour, and alcohol and drug abuse on memory.
- understand the structure and integration of the autonomic nervous system with the limbic system and the role thereof in reactions such as the stress reaction.
- demonstrate a sound knowledge of brain metabolism and the cerebrospinal fluid system, as well as the importance of nutrition and cranial trauma on the brain.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FLGX326**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Reproductive and environmental physiology	

Module outcomes:

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

- reflect a sound knowledge of the structure and function of the male and female sexual systems, as well as the endocrine control of sexual functions.
- reflect knowledge of pathological conditions of the sexual systems such as infertility and sexually transmitted diseases.
- reflect a sound knowledge of the process of conception, physiological adaptations of the mother during pregnancy and the physiological adaptations of the new-born baby.
- reflect knowledge of the physiological changes that take place during puberty and menopause.
- reflect sound knowledge of the human physiological reactions and adaptation with regard to various environmental factors; including stress, smoking, ultraviolet radiation, noise, temperature and environmental pressure.
- reflect knowledge of smoking-related and alcohol-related pathology, the effect of high and low environmental temperature on the body and related pathology, noise-related pathology as well as the adaptation of the body to high and low environmental pressure.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FLGX327**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Renal and Dermal Physiology	

Module outcomes:

After completion of the module, the student will demonstrate the following:

- integrated knowledge and understanding of renal and dermal physiology, and an understanding of how this knowledge relates to other systems in the body;
- an understanding of knowledge on homeostasis of the body, and a critical evaluation of this knowledge regarding the two systems and the importance thereof to the general homeostasis of the body;
- the ability to identify, analyse and critically reflect on diseases of the two systems and apply the knowledge obtained to discuss the cause and development of these diseases;
- accurate and coherent communication of renal and dermal physiology information verbally and in writing with understanding of and respect of copyright and plagiarism rules;
- the ability to contribute in a group to discuss a renal and dermal physiology aspect, while monitoring the progress of the group and taking responsibility for the outcome and application of resources.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FLPV213 [G409P]**	**Semester 1**	**NQF- level: 6** **Credits: 16**
Title:	Physiology for Nursing Science	

Module outcomes:

The student will prove that he/she has attained the outcomes of the module when he/she can:

- identify/explain/describe the key terms, concepts, facts, principles and rules related to the physiology of homeostasis, organisation of the body , body fluid compartments, chemical composition of the body, cell structure and organelles, enzymes, movement of molecules through the cell membrane, control of cells through chemical messengers, neural control mechanisms, sensory systems and control of body movement and its relevance to the student's field of study in health sciences;
- demonstrate an awareness and sensitivity towards the ethical aspects relevant to human physiology within the practice of health sciences;
- demonstrate sound ethical practices in obtaining information from a variety of scientific sources in the preparation and presentation of written and verbal work;
- utilize group activities/task achievement as learning opportunity by active involvement and a sensible

contribution towards the achievement of the set outcomes of a working group.

Method of delivery: Full-time

Method of assessment: Pc 1 x 3 hours 1:1

Module code: FLPV222 [G409P]	**Semester 2**	**NQF- level 6 Credits 8**
Title:	Physiology for Nursing Science	

Module outcomes:

The student will prove that he/she has attained the outcomes of the module when he/she can:

- identify/explain/describe the key terms, concepts and principles underlying general physiology, cardiovascular-, immune-, respiratory-, excretory-, reproductive- and muscle physiology applicable to the human body and its relevance to the student's field of study in health sciences;
- demonstrate an awareness and sensitivity towards the ethical aspects relevant to human physiology within the practice of health sciences;
- demonstrate sound ethical practices in obtaining information from a variety of scientific sources in the preparation and presentation of written and verbal work;
- utilize group activities/task achievement as learning opportunity by active involvement and a sensible contribution towards the achievement of the set outcomes of a working group.

Method of delivery: Full-time

Method of assessment: Pc 1 x 3 hours 1:1

Module code: FLPX113 [G413P]	**Semester 1**	**NQF-level: 5 Credits: 12**
Title:	Physiology for Pharmacy *I*A	

Module outcomes:

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

- describe the basic cell functions, cell structure, protein activity and movement of molecules over cell membranes as well as homeostatic mechanisms;
- have a sound knowledge of cellular communication, nerve control systems, sensorial and hormonal control systems;
- know and use the subject terminology correctly;
- be able to search for information on relevant physiological topics in scientific sources;
- apply knowledge in the field of the pharmaceutical profession; and
- demonstrate relevant ethical principles towards human physiology.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FLPX123 (G413P	**Semester 2**	**NQF-level: 5 Credits: 12**
Title:	Physiology for Pharmacy *I*B	

Module outcomes:

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

- reflect knowledge of muscle physiology, physiology of the cardiovascular system; respiration physiology, and water and electrolyte balances;
- describe gastro-intestinal processes and metabolism;
- demonstrate knowledge on the human reproductive physiology
- digestion physiology and reproductive physiology.; and
- demonstrate knowledge about immunology and HIV, and the origin of auto-immune diseases.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FLPX221	**Semester 2**	**NQF-level: 6 Credits: 8**
Title:	Physiology for Pharmacy and Nursing Science C	

Module outcomes:

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

- reflect fundamental knowledge of the cardiovascular system, kidney physiology and immunology;

- know and use the subject terminology correctly;
- reflect knowledge of general diseases associated with abovementioned organ systems.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: **FMSG211 (G412P)** ***(Phase out end 2013; close end 2014)***	**Semester 1**	**NQF-level: 6** **Credits: 16**

Title:	Dispensing and preparation of drugs

Module outcomes:

For this module, outcomes are divided into four levels namely : knowledge, skills, competency and values

Knowledge

After completion of the module, the student should reflect fundamental knowledge with regard to:

- different dosage forms and administration routes;
- the basic techniques applicable to the preparation and dispensing of dosage forms;
- the pharmaceutical calculations applicable to the preparation and dispensing of dosage forms.
- the physical-chemical principles relevant to the development of dosage forms and the operation of drugs.

Skills

After completion of the module, the student should reflect skills to:

- effectively and correctly use apparatus and equipment employed in preparing and dispensing medicine;
- dispense a prescription;
- function successfully and effectively in a group;
- communicate in a scientific manner, e.g. by writing reports.

Competency

After completion of the module, the student should be competent to:

- interpret and dispense a prescription;
- correctly do the pharmaceutical calculations applicable to the preparation and dispensing of prescriptions;
- apply the physical-chemical principles of the preparation of dosage forms;
- understand the importance of physical-chemical principles in pharmaceutics in order to apply them.

Values

After completion of the module, the student should reflect values to:

- act in an ethical manner when preparing and dispensing a prescription;
- act in an ethically correct manner in all respects when developing dosage forms.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FMSG212 (G413P)**	**Semester 1**	**NQF-level: 6** **Credits: 16**

Title:	Pharmaceutics IA

Module outcomes:

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

- detailed knowledge and critical understanding of terminology, relevant concepts, rules and underlying theories related to physicochemical principles as applicable within the field of pharmaceutics;
- ability to select, evaluate and apply with discernment those physicochemical principles relevant in different pharmaceutical processes in general and dosage form development in particular;
- correct selection and application of discipline specific methods of scientific enquiry to gather, analyse, evaluate and integrate findings and recommendations on the physicochemical principles of pharmaceutical important concepts such as states of matter, solubility, ionic equilibria and chemical reactions and apply evidence-based conclusions to a given context in the field of pharmaceutics;
- accurate, coherent and scientific written and verbal communication of relevant findings/recommendations with regards to the applicability of physicochemical principles in the development of different dosage forms, with understanding and respect for intellectual property conventions, copyright, rules on plagiarism and ethical/legal implications of decisions taken in this field of practice.

Method of delivery:	Full-time

Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FMSG222 (G412P)** ***(Phase out end 2013; close end 2014)***	**Semester 2**	**NQF-level: 6** **Credits: 16**
Title:	Introductory bio pharmaceutics and pharmaco-kinetics	

Module outcomes:

After completion of the module, the student should be able to prove that he/she is proficient in the following :

A complete knowledge of

- the basic concepts of bio-availability, bio pharmaceutics and pharmacokinetics in the design of dosage forms and dispensing; and
- the absorption, distribution, metabolism and elimination (ADME) of orally administered drugs or medicine.

The skills to:

- function in a team/group;
- interpret drug-related information and advise patients on the correct use of medicine to ensure the effective operation of drugs; and
- communicate in a scientific language.

The competency to:

- identify and communicate the factors that influence the optimum use and operation of drugs;
- identify and evaluate the influence of factors like illnesses, mass and age on variations in the operation of drugs;
- assess the influence of the administration route of drugs on the optimum operation of drugs and convey this to the patient; and
- identify possible factors that could have a negative effect on the optimum operation of drugs and take the necessary steps to improve or rectify the situation.

Knowledge of

- the ethical values regarding the dispensing of drugs or medicine, including the provision of the correct advice and warnings to ensure the safe and effective use of medicine.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FMSG223 (G413P)**	**Semester 2**	**NQF-level: 6** **Credits: 16**
Title:	Pharmaceutics IB	

Module outcomes:

After completion of the module, the student should be able to prove that he/she is proficient in the following :

A complete knowledge of

- the basic concepts of bio-availability, biopharmaceutics and pharmacokinetics in the design of dosage forms and dispensing; and
- the absorption, distribution, metabolism and elimination (ADME) of orally administered drugs or medicine.

The skills to:

- function in a team/group;
- interpret drug-related information and advise patients on the correct use of medicine to ensure the effective operation of drugs; and
- communicate in a scientific language.

The competency to:

- identify and communicate the factors that influence the optimum use and operation of drugs;
- identify and evaluate the influence of factors like illnesses, mass and age on variations in the operation of drugs;
- assess the influence of the administration route of drugs on the optimum operation of drugs and convey this to the patient; and
- identify possible factors that could have a negative effect on the optimum operation of drugs and take the necessary steps to improve or rectify the situation.

Knowledge of

- the ethical values regarding the dispensing of drugs or medicine, including the provision of the correct advice and warnings to ensure the safe and effective use of medicine.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FMSG311 (G412P)** ***(Phase out end 2014; close end 2015)***	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Pharmaceutical dosage forms and technology I	

Module outcomes:

After completion of the module, the student should be able to demonstrate the following:

- a well rounded knowledge of the fundamental principles involved in the design and development (formulating, manufacturing, packaging, testing, storing and using) of medicine in general as well as oral fixed dosage forms in particular, and of the application of quality assurance systems, good manufacturing practices and quality control measures during the manufacturing of medicine;
- the ability to independently or in a team apply knowledge and understanding of product design and - development and quality assurance, in designing and developing (formulation, manufacture, testing & packaging) of oral fixed dosage forms;
- the ability to identify, evaluate and use the relevant pre-formulation information for all possible sources (subject text books, pharmacopoeias, internet sources) when manufacturing medicine;
- a well rounded and systematic knowledge of determining the shelf life and expiry date of taking the appropriate chemical kinetic principles into account;
- planning, organizing and carrying out, individually or as part of a team, on the basis of the manufacture of oral fixed dosage forms a pharmaceutical production process (from formulation to packaging).
- the ability to communicate with other members of the health team and the patient on the correct usage and handling of medicine in general, and oral fixed dosage forms in particular; and
- a well-rounded knowledge (and the application thereof) of the ethical and legal aspects of interest in manufacturing and preparing medicine.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FMSG312 (G413P)**	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Pharmaceutics IIA	

Module outcomes:

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

- integrated knowledge, clear understanding and the ability to correctly apply the physicochemical as well as the pharmaceutical microbiological principles, theories and procedures applicable to parenteral and other dosage forms, during the development and quality assurance thereof, including the different methods of sterilization and aseptic technique relevant to the production and handling of sterile dosage forms;
- the ability to use knowledge and understanding of the applicable physicochemical and pharmaceutical microbiological principles to correctly develop, formulate, manufacture, administer and store different dosage forms;
- systematic knowledge and the ability to correctly apply correct pharmaceutical calculations in order to formulate, dispense and administer medicine via different dosage forms;
- the ability to select, evaluate and apply a range of quality control measures and procedures in order to ensure high standards of different dosage forms, maintain product effectiveness and thereby ensure patient safety;
- reflection of critical decision making skills and appropriate ethical conduct during the interpretation of prescriptions, formulations and dispensing of all dosage forms, as well as advice to clients regarding selection and use of medicines in order to ensure optimal medicinal therapy; and
- accurate and coherent scientific written and verbal communication of relevant reports of related themes regarding dosage forms, with understanding of and respect for intellectual property conventions, copyright and rules on plagiarism.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FMSG321 (G412P) *(Phase out end 2014, close end 2015)*	Semester 2	NQF-level: 7 Credits: 16
Title:	Pharmaceutical dosage forms and technology II	

Module outcomes:

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

- demonstrate a well rounded knowledge of the physical chemical principles involved in developing liquid dosage forms (oral liquid dosage forms and parental products);
- demonstrate well rounded knowledge of the basic principles of pharmaceutical microbiology (including the different sterilization and aseptic techniques involved in the production and handling of sterile dosage forms);
- demonstrate the ability to apply theoretical knowledge on the said dosage forms in formulating, manufacturing, handling and storing oral liquid - and parental products;
- demonstrate the skills to apply aforementioned knowledge on the principles of pharmaceutical microbiology during the production and handling of sterile dosage forms;
- demonstrate the skills, ability and ethical values to act as adviser in choosing and using the mentioned dosage forms in order to ensure required outcome of drug therapy;
- demonstrate the skills to communicate scientifically for example by report writing; in discussion of practice related problems with regard to the abovementioned dosage forms and together successfully and effectively in a group.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FMSG322 (G413P)	Semester 2	NQF-level: 7 Credits: 16
Title:	Pharmaceutics IIB	

Module outcomes:

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

- Integrated knowledge and understanding of, as well as an ability to correctly evaluate and apply concepts, facts, physicochemical principles, guidelines and theories to different dosage forms and the applicable routes of drug delivery within the field of dosage form design and development, and an understanding of how that knowledge relates to other fields or practices in pharmacy.
- Understanding of contested knowledge within the field of dosage form design and development, and critical evaluation of formulation principles, stability concerns, quality assurance, good manufacturing practices and quality control within the field of dosage form design and development.
- Ability to select, evaluate and apply a range of different, but appropriate procedures, scientific methods and pharmaceutical formulas to do focused research and resolve problems that will have an effect in drug development.
- Ability to identify, analyze, critically reflect on and address complex dosage form design and developmental problems and apply evidence-based solutions with theory-driven arguments.
- Reflection of all values, ethical conduct and justifiable decision making appropriate to act as adviser (to patients and other members of the health care team) on the choice and use of the applicable dosage forms so as to ensure the required outcome of drug therapy, substantially contribute towards maintaining product efficacy, and ensure patient safety.
- Accurate and coherent written and verbal communication of practical projects with understanding of and respect for intellectual property conventions, copyright and rules on plagiarism.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FMSG411 (G412P)	Semester 1	NQF-level: 8 Credits: 16
Title:	Pharmaceutical dosage forms and technology III	

Module outcomes:

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

- demonstrate an extensive and systematic of the administration of drugs via the following routes: parenteral, rectal, vaginal, transdermal, pulmonary, ocular, nasal and the ear; the production (formulation, manufacturing, evaluating and packaging); dispensing, handling and storage of the mentioned dosage forms as well as dispensing and pharmaceutical calculations applicable to dispensing and pharmaceutical calculation of all dosage forms.

- demonstrate the skills to communicate scientifically for example by writing reports; discuss practice-related problems with regard to abovementioned dosage forms and function effectively and successfully in a team and dispense a prescription.
- demonstrate the competency to interpret and dispense a prescription, correctly carry out pharmaceutical calculations applicable to the preparation and dispensing of prescriptions; act as adviser (to patients and other members of the health team) on the choice and use of specific dosage forms; make a material contribution to maintaining product effectiveness and ensuring patient safety;
- demonstrate the values to act in an ethical manner in all respects in terms of all forms of dosage form development; as well as when issuing and preparing all dosage forms.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FMSG412 (G413P)**	**Semester 1**	**NQF-level: 8** **Credits: 16**
Title:	Pharmaceutics IIIA	

Module outcomes:

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

- Demonstrate the ability to integrate and apply foundational scientific knowledge and principles in areas of dosage form design and development (including in the preformulation, formulation, manufacturing, packaging, labelling and evaluation phases);
- Apply knowledge on the chemical stability and degradation routes of drugs to the determination of the shelf-life and expiration date of medicines (including the application of chemical kinetic principles);
- Demonstrate the ability to integrate and apply knowledge of product design and formulation to the manufacturing and packaging of medicines and associated pharmaceutical products according to the guidelines for Good Manufacturing Practices [GMP] and current relevant legislation;
- Define, evaluate, implement and/or manage a Quality Assurance System (QAS) and Quality Control System (QCS) for the manufacture, packaging. labelling and evaluation of pharmaceutical products on and industrial level;
- Complete an application for the registration of medicines with the MCC (using supplied or generated information/data).
- Demonstrate and apply integrated knowledge of and engagement in innovative dosage forms;
- Demonstrate a critical understanding and application of advanced dosage forms design relevant to innovative dosage forms;
- Demonstrate the ability to select, evaluate and apply a range of different principles in advanced dosage form design to reflect on and address complex or abstract problems pertaining to challenges during the design of novel dosage forms.
- Effective operate independently and/or within a system/group and/or manage a system/group in the context of product design and manufacturing;
- Communicate effectively, i.e. demonstrate the ability to communicate academic, professional or occupational ideas via all available means (oral, written, etc.) to a range of audiences.
- Demonstrate the ability to identify and address ethical issues based on critical reflection on the suitability of different ethical value systems in the context of/relevant to product design, development and manufacture..

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FMSG422 (G412P)**	**Semester 2**	**NQF-level: 8** **Credits: 8**
Title:	Biotechnology and innovative dosage forms	

Module outcomes:

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

- an extensive and systematic knowledge of the role and application of pharmaceutical biotechnology in drug therapy and the development of dosage forms;
- the ability to explain the demands of new generation drugs on the development of dosage forms;
- have a sound knowledge of the current and future trends in drug delivery and dosage form development; and
- demonstrate an extensive and systematic knowledge of the principles of the development and use of medicine for veterinary use.

Method of delivery:	Full-time

Method of assessment:	Pc 1x2 hours 1 : 1	
Module code: **FPFG121 [G413P]**	**Semester 2**	**NQF-level: 5** **Credits: 12**
Title:	Clinical pathology IB	

Module outcomes:

After completion of this module, you must be able to:

- Identify, describe, discuss, and outline the micro- and macro-anatomy of the head and neck, upper- and lower extremities, abdomen and pelvis regarding muscular-, neurologic-, and vascular supply, lymph drainage, osteology, ligaments, and structure.
- use and discuss above mentioned in case studies and clinical applications in order to promote, understand, and maintain good health
- define, understand, and apply anatomy concepts in the identification of different structures by using a variety of textbooks, internet and practical applications on modules and cadavers
- participate successfully in group work and take control if necessary
- act ethically correct on the basis of an established value system.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FPFG211 [G413P]**	**Semester 1**	**NQF-level: 6** **Credits: 16**
Title:	Clinical Pharmacy IIA	

Module outcomes:

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

- Demonstrate an elaborate knowledge of general pathological-medical terminology and applying that knowledge in well-defined but unfamiliar problem solving;
- Produce evidence of a comprehensive knowledge of basic pathology and use it confidently in analyses and evaluations of scenarios and sets of fact.
- Recognize or look for pathological changes in common diseases and disorders;
- Collect information, verify it and contain it in the form of a report in order to communicate it to an audience with the use of IT equipment;
- Participate successfully in group work and take control if necessary;
- Act ethically correct on the basis of an established value system; and
- Prove competence in self-evaluation, recognition of learning needs, initiative to address these, and be able to assist others with it.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FPFG221 [G413P]**	**Semester 2**	**NQF-level: 6** **Credits: 8**
Title:	Clinical Pharmacy IIB	

Module outcomes:

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

- Demonstrate thorough knowledge of general diagnostic and/or laboratory test related principles and terminology that will serve you for the rest of your professional life;
- Assist with clinical decision making through collation, critical analysis and interpretation of patient related diagnostic and/or laboratory data;
- Recognize and reflect on concepts, goals and meanings of experience and use it confidently in analyses and evaluations of scenarios and sets of facts;
- Continue to search for new knowledge to provide better, more complete answers;
- Collect information, verify it, interpret it, and contain it in the form of a report in order to communicate it to an audience with the use of IT equipment;
- Participate successfully both as independent thinker and in group activities and take control if necessary; and
- Act ethically correctly on the basis of an established value system.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FPFG311 (G413P) *(Phase out end 2014, close end 2015)*	Semester 1	NQF-level: 7 Credits: 16
Title:	Clinical pathology	

Module outcomes:

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

- demonstrate a well-rounded knowledge of general pathological processes like the acute and chronic inflammation reactions, hypersensitivity reactions, circulation disorders and cellular reactions to injuries by applying this in solving problems;
- demonstrate a well-rounded knowledge of pathological processes of specific illnesses of different organ systems by applying this in case studies;
- provide proof of a well-rounded knowledge of human micro and macro-anatomy and use this with confidence in analyses and evaluations of scenarios and sets of facts;
- recognize and deal with illnesses and deviations that commonly occur;
- participate successfully in group work and also take the lead;
- gather and verify information and place it in a coherent report and communicate it to an audience with the aid of IT equipment;
- act in an ethically correct manner from an established value system;
- compare the normal and abnormal aspects of the human body and its systems.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FPFG312 (G413P)	Semester 1	NQF-level: 7 Credits: 16
Title:	Clinical pathology	

Module outcomes:

After completion of this module, the student should:

- Possess a deep found knowledge of the disease states and identify the typical symptoms of the disease states and to demonstrate the importance of the conditions to the practicing pharmacist.
- Know the ethiology (causes) of the various disease states (conditions).
- Be capable to take a patient history in such a way to make a differential diagnosis and a treatment regime.
- Treat patients with dignity and respect.
- Prove that he or she practices on a sound ethical basis.
- Be capable to furnish practical patient advice, including advice regarding the disease and the correct and safe use of medicine supplied and to communicate with empathy to the patient.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FPFG321 (G412P) *(Phase out end 2014, close end 2015)*	Semester 2	NQF-level: 7 Credits: 16
Title:	Health science	

Module outcomes:

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

- display a well-rounded knowledge of illnesses; demonstrate the identifying/typifying symptoms thereof and explain the importance thereof to the practicing pharmacist;
- demonstrate knowledge of the etiology (causes) of illnesses;
- demonstrate skills in taking a patient history so that this process is deliberately aimed at making a differential diagnosis and a recommendation of a treatment regime;
- handle patients with respect and dignity;
- indicate that he/she is acting from an established and purely ethical background;
- demonstrate competence in providing appropriate practical patient advice, including providing advice on the illness, and the correct and safe use of medicine with empathy.

Method of delivery:	Full-time.
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FPFG322 (G412P)	Semester 2	NQF-level: 7 Credits: 16
Title:	Clinical Pharmacy IIIB	

Module outcomes:
After completion of this module, the student should be able to:
- Understand the domicile of pharmacotherapy in context with the pharmaceutical care process;
- Follow a pathophysiologic approach in understanding pharmacotherapy;
- Possess a comprehensive knowledge of critical information to be used in drug therapy decision making in a clinical setting;
- Be able to supply sufficient clinical information regarding the use of medications;
- Implement the principles of pharmacotherapy into practice by developing a pharmaceutical care plan;
- Demonstrate competence in applying pharmacotherapy information threw good communication skills and ethical conduct.

Method of delivery:	Full-time.
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: FPFG411 (G412P)	Semester 1	NQF-level: 8 Credits: 8
Title:	Clinical Pharmacy I	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate knowledge of the theory and philosophy of pharmaceutical care;
- develop a pharmaceutical care plan for a patient;
- demonstrate knowledge and skills in carrying out screening tests (urine analysis, blood tests, cholesterol tests, monitoring blood pressure and lung function tests), as well as in implementing primary care screening tests and monitoring services in a pharmacy;
- interpret basic laboratory tests; and
- carry out physical examinations at primary healthcare level, including examinations of the neurological system, chest, abdomen, eyes, mouth cavity, ears, nose and throat.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FPFG412 (G413P)	Semester 1	NQF-level: 8 Credits: 16
Title:	Clinical Pharmacy IVA	

Module outcomes:
After completion of this module, the student should be able to:
- Understand the domicile of pharmacotherapy in context with the pharmaceutical care process;
- Follow a pathophysiologic approach in understanding pharmacotherapy;
- Possess a comprehensive knowledge of critical information to be used in drug therapy decision making in a clinical setting;
- Be able to supply sufficient clinical information regarding the use of medications;
- Implement the principles of pharmacotherapy into practice by developing a pharmaceutical care plan;
- Demonstrate competence in applying pharmacotherapy information threw good communication skills and ethical conduct.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: FPFG423 (G412P)	Semester 2	NQF-level: 8 Credits: 16
Title:	Clinical Pharmacy II	

Module outcomes:
After completion of the module, the student should be able to:
- provide pharmaceutical care within the scope of the pharmaceutical profession.
- integrate knowledge of pharmacology and clinical skills with new knowledge on pharmacology and apply this meaningfully in practice.
- reflect knowledge and skills with respect to the handling of anaphylaxis, injection techniques, and the treatment of less serious illnesses and the referral of serious illnesses or complications to secondary

healthcare.

- be familiar with the etiology, symptoms and treatment of a series of general illnesses that include: neurological disorders, ophthalmic disorders, illnesses of the mouth cavity, upper and lower respiratory tract infections, cardiovascular illnesses, gastro-intestinal illnesses, diabetes, urinary tract infections, sexually transmitted diseases, skeletal and joint diseases, skin diseases, and illnesses caused by parasites

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FPKG111** ***(Phase out end 2012; close end 2013)***	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Pharmacy practice I	

Module outcomes:

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

- demonstrate a comprehensive synoptic knowledge of the role of the pharmacist in the management of medicine distribution in the public health care system of South Africa;
- demonstrate the competency to interpret the responsibilities of a pharmacist in the management of medicine distribution in South Africa;
- in a team or as individual, apply the legal and career aspects regarding medicine distribution within an ethical correct framework.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FPKG112 [G413P]**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Pharmacy practice /A	

Module outcomes:

After completion of the FPKG112 module, the student must be able to demonstrate the following:

- knowledge and informed understanding of key terms, concepts, principles and criteria of relevant rules to the field of medicine management of theory in this field;
- ability to select , order, procure, store, distribute and dispose of medicine as indicated in the medicine management cycle;
- gather in a professional and ethical manner relevant information on patients, analyzing data and evaluating patients against standards of pharmaceutical care , communicating findings via applicable media;
- understanding and application of the National Drug Policy and Good Pharmacy Practice, in accordance with the acceptable professional conduct of a Pharmacist;
- the ability to operate as part of a group and make appropriate contributions to observation reports founded in evidence based theory.

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FPKG113 [G413P]**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Pharmacy practice /B	

Module outcomes:

After completion of the FPKG113 module, the student will demonstrate the following:

- knowledge and informed understanding of the underlying social and behavioural principals and theories relevant to the patient's illness perspective and experience and pharmaceutical care
- integrate and apply foundational social and behavioural principles and knowledge regarding the patients illness perspective to be able to provide pharmaceutical care
- ability to distinguish, evaluate and solve routine or new problems relevant to the patients illness perspective and pharmaceutical care in familiar contexts and to apply the solutions
- the ability to operate as part of a group or team and make appropriate contributions to successfully complete a task or project, taking co-responsibility for learning progress and outcome realization of the group.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FPKG211 [G413P]**	**Semester 1**	**NQF-level: 6** **Credits: 16**
Title:	Pharmacy practice IIA	

Module outcomes:

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

- A detailed knowledge and understanding of key terms, concepts, facts, principles, rules, theories, etc. regarding interpersonal communication of a pharmacist in a health context, b) how this knowledge relates to applicable knowledge regarding behaviour change within the field of health and the provision of pharmaceutical care.
- The ability to demonstrate, select, evaluate and apply with discernment those applicable communication skills and strategies to solve fundamental problems in a defined environment in die field of interpersonal health communication.
- The ability to distinguish and solve interpersonal communication problems in unfamiliar health contexts and to apply the solutions to support pharmaceutical care
- An understanding of the ethical implications of decisions, actions and practices specifically relevant to the pharmacist – patient relationship
- The ability to monitor own learning progress regarding the acquisition of communication skills and apply relevant learning strategies and known and new resources to successfully realize all outcomes of this module.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FPKG221 [G413P]**	**Semester 2**	**NQF-level: 6** **Credits: 8**
Title:	Pharmacy practice IIB	

Module outcomes:

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

- A detailed knowledge and understanding of a) the laws affecting applicable to the practice of Pharmacy in South Africa, with special reference to the Pharmacy Act (Act 53 of 1974), as amended, and the Medicines and Related Substances Control Act, 1965 (Act 101 of 1965), as amended elated Substances, and b) the origin and development of, and critical understanding of the necessity of and motivation behind, the passing of such laws and regulations;
- The ability to select, interpret, motivate and apply with discernment those laws and regulations applicable to the solving of familiar and unfamiliar contextual and fundamental problems in the field of Pharmacy Practice, offering appropriate solutions from a sound judicial perspective;
- An understanding of the ethical implications of decisions, actions and practices specifically relevant to legalities associated with Pharmacy as occupation, and the skill to implement the legal requirements applicable to the Pharmacist in practice;
- discipline-specific methods and techniques of scientific and practice-related enquiry and information gathering on the lawful issues pertaining to Pharmacy Practice, and accurate and coherent written and verbal communication of the findings from such enquiries to different stakeholders, such as clients and employers; and
- the ability to monitor own learning progress and application of relevant learning strategies and resources to successfully realize the outcomes of this module.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x2 hours 1 : 1	
Module code: **FPKG312 (G412P)** ***(Phase out end 2014; close end 2015)***	**Semester 1**	**NQF-level: 7** **Credits: 8**
Title:	Pharmacy practice II	

Module outcomes:

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

- reflect a well rounded and systematic knowledge of accounting calculations as well as concepts of financial management;
- demonstrate the ability to communicate orally or in writing with a financial advisor concerning financial

statements;
- demonstrate the competency to draw up operating- and financial budgets and perform atithmetic calculations;
- apply financial management within an ethical correct and pure value system.

Method of delivery:	Full-time
Method of assessment:	Pc 1x2 hours 1 : 1

Module code: **FPKG313 (G412P)**	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Pharmacy practice IIIA	

Module outcomes:

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

- integrated knowledge and understanding of, as well as an ability to correctly evaluate and apply theories, principles and procedures of health promotion, disease prevention and disease management as applicable to pharmacy practice, and understanding of how that knowledge relates to clinical pharmacy;
- the ability to select, evaluate and apply a range of different but appropriate screening tests and to process, manage and communicate all related information gained form such tests;
- the ability to identify, analyse, critically reflect on and address complex health-related problems in the field of public healthcare and management, and apply these public healthcare promotion-skills as mastered during the module with theory-driven arguments;
- application and reflection of all ethical rules appropriate to the practice of health promotion, disease prevention and disease management;
- accurate and coherent written and verbal communication by means of appropriate technologies, of the results of a team project completed in public healthcare practice keeping in mind rules on copyright and plagiarism;

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FPKG323 (G412P)** ***(Phase out end 2014; close end 2015)***	**Semester 2**	**NQF-level: 7** **Credits: 8**
Title:	Pharmacy Practice III	

Module outcomes:

After completion of the module, the student will be able to

- have comprehensive well-rounded knowledge of communication in the pharmacist's context,
- the ability to design the various communication skills and use them to explain, demonstrate and recognize
- consist of the skills to work with various types of people in the industry to facilitate effective drugs use
- in an ethical manner improve patient co-operation
- facilitating behaviour change for the sake of effective medicine

Method of delivery:	Full-time
Method of assessment:	

Module code: **FPKG324 (G413P)**	**Semester 2**	**NQF-level: 7** **Credits: 8**
Title:	Pharmacy Practice IIIB	

Module outcomes:

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

- integrated knowledge and understanding of, as well as an ability to correctly evaluate and apply principles and procedures of managed healthcare instruments and information systems to different areas of decision-making within the field of healthcare management;
- the ability to select, evaluate and apply a range of different but appropriate procedures and principles and scientific methods of qualitative and quantitative enquiry to do focused research and resolve problems that will effect change within practice;
- the ability to identify, analyse, critically reflect on and address complex health- and medicine-related problems in the field of managed healthcare, and apply evidence-based solutions with theory-driven arguments; and
- accurate and coherent written and verbal communication by means of appropriate technologies, of

the results of a team project completed in managed healthcare practice keeping in mind rules on copyright and plagiarism.

Method of delivery:	Full-time	
Method of assessment:	PC- _ 1x2 hours	
Module code: **FPKG413 (G412P)**	**Semester 1**	**NQF-level: 8** **Credits: 16**
Title:	Pharmacy practice IV	

Module outcomes:

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

- reflect a well rounded and systematic knowledge of legislation, governing the pharmacy profession, with extensive knowledge of the Pharmacy Act (Act 53 of 1974), as amended, the Medicines and Related Substances Control Act, (Act 101 of 1965) as amended, and a few other acts applicable to the pharmacy profession
- demonstrate the ability to communicate verbally and in writing;
- make inputs regarding legal and ethical issues surrounding the profession of the pharmacist;
- identify problems with respect to the implementation of legal aspects affecting the pharmacist's profession and suggest possible solutions;
- implement in an ethical manner the legal requirements applicable to the pharmacist in practice;
- demonstrate an extensive and systematic knowledge of healthcare management in South Africa;
- demonstrate expertise with regard to the principles of managed health care, the various health care instruments and certain information systems namely: medicine consuming evaluation, pharmaco-economics, proven medicine usage and pharmaco-epidemiology;
- show the ability to implement and apply managed health care principles in the practice situation, within the framework of the national health care- and medicine policies and report and interpret the results thereof according to ethical principles.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x2 hours 1 : 1	
Module code: **FPKG414 (G413P)**	**Semester 1**	**NQF-level: 8** **Credits: 16**
Title:	Pharmacy practice IVA	

Module outcomes:

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

- Integrated knowledge of and engagement in basic financial- and human resource management principals and critical understanding and application of these principles relevant to the monitoring function of a manager of pharmacy practice;
- An ability to critically interrogate multiple sources on knowledge within the field of general pharmacy practice management, and critically analyse, evaluate and apply such knowledge;
- The ability to apply and critically judge the professional practice standards related to the general management of pharmacy practice and to effect change in conduct where necessary;
- Understanding and transfer of the complex theoretical concepts related to general pharmacy management in the practice of a pharmaceutical environment via analysis and solving of complex and hypothetical case studies; and
- Operate effectively within a system and manage a group/system in order to adhere to quality improvement strategies relevant to the field of management, monitoring the progress of the group and taking responsibility for related quality matters.

Method of delivery:	Full-time	
Method of assessment:	Pc 1x3 hours 1 : 1	
Module code: **FPKG425 (G412P)**	**Semester 2**	**NQF-level: 8** **Credits: 16**
Title:	Pharmacy practice V	

Module outcomes:

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

- demonstrate a comprehensive synoptic knowledge of human resources management within the context of labour legislation in South Africa;
- demonstrate the skill of indicating the mutual relationship between the various aspects of human resources management;

- demonstrate the competency to interpret scenarios and suggest solutions to practical problems;
- take the lead and participate in a work team in an ethically correct manner from a pure and established value system;
- demonstrate a well-rounded and systematic knowledge base of general management principles from an organizational perspective;
- demonstrate the professional skills required of managers on the basis of the basic levels of management functions;
- demonstrate effective identification and integration of the P-O-L-C (Planning-Organizing-Leading-Control) segments, to enable a manager to impact problems and opportunities in pharmacy;
- demonstrate the competency to solve problems and identify contemporary management issues that impact on varying aspects of a pharmacy and the pharmacy profession;
- demonstrate ethical dealings with all management operations, verbally and in writing

Method of delivery:	Full-time
Method of assessment:	Pc 1x3 hours 1 : 1

Module code: **FSKS113**	**Semester 1**	**NQF-level: 5** **Credits: 12**

Title:	Physics for Biology I

Module outcomes:

This module is a service course for students who will not be progressing to the second level of physics.

At completion of this module, the student should be able to demonstrate:

- knowledge and insight in how physics occurs in natural science phenomena that are selected mainly from biological sciences by explaining and discussing topics such as kinematics, Newtonian laws of motion, torques, work, energy and power, with applications to the human body, fluid mechanics, pressure, surface tension, viscosity, with applications to the flow of blood, theory of heat and thermodynamics;
- skills in measuring, processing and reporting natural science processes.

Method of delivery:	Full-time

Module code: **FSKS123**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Physics for Biology II

Module outcomes:

At completion of this module, the student should be able to demonstrate:

- knowledge and insight in how physics occurs in natural science phenomena so that he/she can explain and discuss electrostatics, electric potential, electric circuits, magnetism and electromagnetic waves, with applications to apparatus used in biological sciences, as well as waves, sound, optics and nuclear physics;
- skills to solve problems in measuring, processing and reporting natural science processes.

Method of delivery:	Full-time
Method of assessment:	

Module code: **FSSM471**	**Semester 1 & 2**	**NQF level: 8** **Credits: 24**

Title:	Food service systems and management

Module outcomes:

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

- Demonstrate a sound knowledge and practical skills from within a grounded ethical value system, both as an individual and as member of a team, in connection with food safety as critical elements in the transformation process that includes the following: availability of food, distribution of meals, purchases, reception and production;
- Identify, analyse, evaluate and in report form make recommendations regarding and offer solutions to complex situations and problems that relate to human resources management, productivity, the budgeting process, performance and financial management in the Food Service Unit;
- Gather, evaluate and integrate scientific information, both as an individual and as member of a team, in the compilation and execution of menus for healthy and sick persons; and
- Both as an individual and as member of a team, know and implement the generic aspects of management (leadership, planning, implementation, delegation and evaluation) in real-life situations in the Food Service Unit as manager of the section

Method of delivery:	Full-time

Method of assessment:	See study guide	
Module code: **LLAW221**	**Semester 2**	**NQF level: 6** **Credits: 12**
Title:	Introductory Labour Law	

Module outcomes:

After completion of the module, the student should demonstrate the following:

- A detailed knowledge and understanding of the principles of Labour Law with specific reference to
  - what labour law entails, the different sources and the distinction between individual and collective labour law;
  - the nature and essentialia of a contract of employment;
  - the rights and obligations of the employer and employee in an employment relationship; and
  - the conclusion and termination of a contract of employment as well as remedies for breach of contract.
- A comprehensive knowledge and understanding of the influence and application of the *Constitution of the Republic of South Africa,* 1996 on the field of Labour Law and specifically on core labour legislation such as the *Labour Relations Act* 66 of 1995*, Basic Conditions of Employment Act* 75 of 1997, the *Employment Equity Act* 55 of 1998 and other core labour legislation;
- Ability to select, evaluate and apply legal principles to solve fundamental problems in a defined environment in the field of Labour Law as well as an understanding of the ethical implications of decisions, actions and practices specifically relevant to Labour Law and to represent the employment parties during dispute resolution processes. This will include discipline-specific methods and techniques of scientific enquiry and information gathering on subject-related topics from relevant sources, as well as analysing, evaluating and synthesising the information and providing conclusions to a given context in the field of Labour Law;
- Accurate and coherent written and verbal communication of principles, rules and solutions to problem-solving tasks or projects by means of preparing for a disciplinary hearing, conciliation, arbitration, the writing of legal opinions and written answers to evaluations with an understanding of and respect for intellectual property conventions, copyright and rules on plagiarism;
- Monitor own learning progress and apply relevant learning strategies and management of resources to successfully realise all learning outcomes of this module.

Method of delivery:	Full-time	
Method of assessment:	See study guide	
Module code: **LNTP271**	**Semester 1 & 2**	**NQF-level: 6** **Credits: 12**
Title:	Learning for nutrition practice II	

Module outcomes:

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

- knowledge and critical understanding of nutrition related activities in public health services through direct observation
- the ability to select and apply standard methods to assess and interpret the nutritional status of an individual;
- The ability to evaluate food safety and hygiene practices in a food service unit
- the ability to integrate theoretical scientific and practical nutrition related information for the compilation of written and oral nutritional education; and
- ethical and professional conduct towards team members, health care professionals and members of the community.

Method of delivery:	Full-time	
Method of assessment:	See study guide	
Module code: **LNTP371**	**Semester 1 & 2**	**NQF level: 7** **Credits: 16**
Title:	Learning for nutrition practice III	

Module outcomes:

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

- the ability to effectively identify and participate in INP activities in community health facilities;
- the ability to select, evaluate and apply appropriate methods, procedures and techniques in community needs assessments;
- active participation in nutrition related activities in the community and health facilities

- the ability to identify, analyse and evaluate management systems in a food service unit;
- the ability work effectively as an individual or as a member of a team, displaying ethical and professional conduct towards other health professionals and members of the community

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **MBWA112**	**Semester 1**	**NQF-level: 5** **Credits: 12**

Title:	Functional Anatomy

Module outcomes:
After completion of the module, the student should be able to:

- demonstrate and apply knowledge of the different principles concerning anatomy in identifying and describing the different skeletal-, articular- and muscular structures;
- demonstrate fundamental knowledge of the anatomic structures of the skeletal system as well as the articular system (joints) and primary muscle system;
- apply aforementioned knowledge in identifying anatomic structures and to determine their function by means of models, illustrations and/or real human samples;
- demonstrate an established value system when dealing with anatomy and anatomic samples and act in an acceptable ethical manner within the required parameters.

Method of delivery:	Full-time
Method of assessment:	60 : 40

Module code: **MBWA122**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Applied Anatomy

Module outcomes:
After completion of the module, the student should be able to:

- discuss & demonstrate fundamental knowledge concerning the primary nerves and blood vessels which is important in the skeletal, articular and muscular systems;
- apply aforementioned knowledge in identifying anatomic structures and to determine their function by means of models, illustrations and/or real human samples;
- apply fundamental knowledge regarding the anatomy of the musculo-skeletal and articular systems in the utilization of handdrolic tests when evaluating different muscles;
- analyze and document simple multi-joint movements (for example walking, running, sitting and standing up, push-ups, sit-ups and squatting) by applying basic knowledge on the anatomy of the musculo-skeletal and articular systems;
- demonstrate an established value system when dealing with anatomy, anatomic samples and clients and act in an acceptable ethical manner within the required parameters.

Method of delivery:	Full-time

Module code: **MBWK112**	**Semester 1**	**NQF-level: 5** **Credits: 12**

Title:	Motor Learning

Module outcomes:
After completion of the module, the student should be able to:

- apply extensive and systematic, recent knowledge and understanding with regard to the interactive nature of the physical, cognitive and affective development of a child, motor aspects, memory structures and certain learning hierarchies, classification of movement and movement capability, growth and ripening tendencies in movement development as well as movement backlogs; individuality of sport talent and talent identification in sport;
- apply knowledge concerning growth to sport and movement skills in children of different age groups and classify movement skills;
- evaluate motor- and physical development as well as accompanying perceptual-motor skills in children of different age groups;
- reflect an ethical accountable approach with regard to motor development and the learning process.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBWK114	Semester 1	NQF-level: 6 Credits: 12
Title:	Sport organization and administration	

Module outcomes:

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

- integrate knowledge and skills of Human Movement science with the principles of Recreation Science and leisure practices applicable to sport, health and human development, in obtaining applied capabilities through problem solving, executing projects, dealing with true-life case studies and practice-orientated scenarios;
- link evidence-driven interpretation to research results through analysis, synthesis and evaluation by founding it theoretically and individually or in groups effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences;
- demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBWK216	Semester 1	NQF-level: 6 Credits: 8
Title:	Biomechanics	

Module outcomes:

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

- demonstrate, debate and communicate knowledge and understanding with regard to the key terms, rules, concepts and theories applicable to Biomechanics;
- select and apply the core procedures or techniques necessary to analyze, identify and evaluate sport related movements;
- individually or in a group identify, interpret and discuss information with regard to biomechanical aspects and injuries in sport, and integrate it into a report;
- critically discuss and formulate funded opinions concerning biomechanical related sport problems;
- show insight in the field of Biomechanics and demonstrate knowledge within the field of sport science and –coaching, biokinetics, exercising, recreation and leisure science;
- act from an established ethical value system in the application of Biomechanics research and coaching.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBWK217	Semester 1	NQF-level: 6 Credits: 8
Title:	Sport injuries	

Module outcomes:

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

- establish an effective sport-health care system;
- demonstrate knowledge and understanding with regard to the patho-physiology, biomechanics and healing of injuries;
- demonstrate knowledge with regard to the prevention and restriction of sport related injuries;
- individually and as part of a multi-disciplinary team, deal with the causes, identification and treatment of specific sport injuries and conditions;
- apply the principles of patient evaluation, within the ethical framework of emergency treatment;
- understand, identify and treat the basic anatomy and physiology of the following conditions: respiratory-, cardiovascular-, nervous-, biological- and musculo-skeletal and associated trauma conditions.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBWK218	Semester 1	NQF-level: 6 Credits: 8
Title:	Introduction to Sport injuries	

Module outcomes:
After completion of the module, the student should be able to:
- establish an effective sport-health care system;
- demonstrate knowledge with regard to the prevention and restriction of sport related injuries;
- individually and as part of a multi-disciplinary team, deal with the causes, identification and treatment of specific sport injuries and conditions;
- apply the principles of patient evaluation, from an ethical framework of emergency treatment;
- understand, identify and treat the basic anatomy and physiology of the following conditions: respiratory-cardiovascular-, nervous-, biological- and musculo-skeletal and associated trauma conditions.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBWK219	Semester 1	NQF-level: 6 Credits: 8
Title:	Sport and Exercise Physiology I	

Module outcomes:
After completion of the module, the student should be able to:
- show a fundamental knowledge concerning: various physiological exercising principles (with specializing in homeostasis and balance), acute and chronic responses concerning the physical function of the human body on exercise as well as processes involved therein, the influence of nutrition on performance and the metabolic and hormonal processes involved, as well as the functioning and neural control of skeletal muscles;
- show practical skills to solve case studies with regard to the abovementioned and act in an advisory capacity regarding individuals' needs;
- apply abovementioned skills in giving consideration to individual human dignity.

Method of delivery:	Full-time
Method of assessment:	60 : 40

Module code: MBWK223	Semester 2	NQF-level: 6 Credits: 8
Title:	Kinanthropometry	

Module outcomes:
After completion of the module, the student should be able to:
- measure skin folds, circumferences, body mass, body length and widths correct and according to international standards;
- understand theoretical aspects like the determination of the percentages of fat, somatotypification, basic anatomy, the measuring error etc. and apply them in practice;
- execute body measurements on patients/sportsmen, consult and write a report on it;
- demonstrate awareness on the foundations of ethical rules and norms in dealing with people when conducting body measurements.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBWK225	Semester 2	NQF-level: 6 Credits: 8
Title:	Sport and Exercise Physiology II	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate fundamental knowledge concerning various physiological exercising principles (with specializing in pulmonary and cardiovascular responses) or exercise and repetition, adaption due to aerobic and anaerobic exercise and the influence of immunologic as well as ergogenic substances on sport;
- show practical ability to identify and critically analyze abovementioned responses and appearances and propose solutions;

- apply abovementioned skills by giving consideration to individual human dignity.

Method of delivery:	Full-time
Method of assessment:	60 : 40

Module code: **MBWK226**	**Semester 2**	**NQF-level: 6** **Credits: 8**

Title:	Sport and Exercise Psychology

Module outcomes:

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

- reflect a good understanding on the establishment, development, future prospects and demarcation in the field of sport- and exercise psychology in order to identify potential career possibilities or application fields;
- describe, evaluate and apply effects in certain underlying principles influencing the behaviour of sportsmen/women (i.e. personality, motivation, arousal, stress and fear);
- identify the appearance of burnout and over-exercise within competitive sport and initiate ways to prevent or address it to contribute to the total health and wellness of sportsmen and -women;
- facilitate certain basic sport psychological skills (control activating, confidence setting, target setting and concentration) in a scientific accountable manner within a well-developed skills programme to promote sport performance and achievements;
- formulate and live out beliefs in future possibilities of subject contents on sport, and exercise psychology within the context of human movement sciences.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBWK315**	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Applied Exercise Physiology

Module outcomes:

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

- during problem solving, demonstrate complete knowledge regarding exercise physiology, anatomy, various resistant exercises and exercise apparatus with regard to resistance programming and consider specific exercise directives and customer needs in the execution of specific resistant exercises within a gymnasium environment;
- utilise resistance programmes according to scientific exercise principles and guidelines mentioned in literature;
- utilize concepts, terminology, conventions, formats etc in the formulation of resistance programmes/exercises;
- in all forms of communication, reflect an established value system and act from an ethical correct framework within the parameters of resistance exercise planning and execution.

Method of delivery:	Full-time
Method of assessment:	60 : 40

Module code: **MBWK316**	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Biokinetics

Module outcomes:

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

- reflect knowledge and understanding of the establishment, action and ethics of Biokinetics;
- reflect knowledge and understanding in the application of different subject-specific theories, terminologies and definitions;
- understand, interpret and apply the physiological and exercise-physiologic principles concerning physical activities, physical fitness, and repetitive exercise as preventative and treatment modalities in the working environment;
- understand the concept of hypokinesis on health and identify and implement certain lifestyle adjustments;
- understand, interpret and prevent the impact of ageing and de-conditioning on the cardio vascular-, pulmonary-; musculo-skeletal-, nerve- and immunity systems;
- link occupation specific physiopathology and psychopathology in the implementation of risk

stratification, intervention and preventive strategies;
- demonstrate elementary knowledge, coherence and critical understanding of the most important ethical problems associated with the subject field, as well as important foundation questions in the field;
- analyze and discuss ethical matters critically when dealing with patients.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBWK324**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Research Methodology	

Module outcomes:
After completion of the module, the student should be able to:
- show a well-rounded and systematic knowledge based in understanding the scientific research that includes: selecting a complex and real world problem; locating and using appropriate references; criticizing research studies, the steps of scientific research, types of sample selection and subsequently writing of a literature review in HMS and using NWU style;
- show a coherent and critical understanding of research methods in Human Movement Science as well as terms, rules, concepts, principles and theories; and the ability to map the new knowledge onto a given body of theory;
- understand the different types of research methods of enquiry that can be used in Human Movement Science;
- show an ability to deal with concrete and abstract problems and issues using evidence-based solutions and theory-driven arguments in Human Movement Science.
- show skills to interpret statistical analyses, tables, descriptive differences among/between groups, and relationships among/between variables epidemiologically and by means of qualitative research and experimental research and to summaries this interpretation by means of a research reports by using the appropriate IT skills.
- show the ability to debate research findings and then communicate the research findings, orally as well as in writing by using appropriate technologies, and acting ethically sound in all dealings.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBWK325**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Applied Exercise Science Practice	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate knowledge on exercise physiology, anatomy, and exercise apparatus, related to basic resistance-, interval-, suppleness-, pliometric- and weight loss programming;
- consider specific exercise guidelines and client needs in working out, motivating, analyzing, evaluating, adjusting and executing such programmes;
- communicate and apply nutrition guidelines regarding micro- and macro nutrients to sportsmen/-women, and give guidelines with regard to pre- and post competition meals and oral rehydrate to resolve case studies, and
- reflect an established value system and act in an ethical correct manner within the parameters of resistance exercise planning and execution in all forms of communication.

Method of delivery:	Full-time
Method of assessment:	Practical

Module code: **MBXA124 OR MBXC124 OR MBXR124 OR MBXS124**	**Semester 2**	**NQF-level: 5** **Credits: 12**
Title:	Game skills development in Rugby or Soccer or Athletics or Cricket	

Module outcomes:
After completion of the module, the student should be able to:
- reflect factual knowledge concerning the different aspects of successful coaching, lesson planning, acquiring of skills and rules;
- work out, organize, execute and adjust lesson plans and apply it within a coaching environment;

- plan, work out and present pre-competition and competition programmes for different groups of players;
- master the scientific programme according to which new skills is acquired and apply it effectively during practical sessions;
- present effective coaching to players (considering their motor-, social-, psychological level of development) in order to nourish lifelong interest in the sport and establish correct techniques.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXA211 OR MBXN211 OR MBXS211 OR MBXT211**	**Semester 1**	**NQF-level: 6** **Credits: 8**
Title:	Coaching Science in Swimming or Tennis or Athletics or Netball	

Module outcomes:

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

- reflect factual knowledge concerning the different aspects of successful coaching, lesson planning, acquiring of skills and rules;
- compose, organize, execute, adjust lesson plans and apply it within a coaching environment;
- plan, work out and present pre-competition and competition programmes for different groups of players;
- master the scientific programme according to which new skills is acquired and apply it effectively during practical sessions;
- present effective coaching to players (considering their motor-, social-, psychological level of development) in order to nourish lifelong interest in the sport and establish correct techniques.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXA225 OR MBXC225 OR MBXR225 OR MBXS225**	**Semester 2**	**NQF-level: 6** **Credits: 16**
Title:	Game skills application in Athletics or Cricket or Rugby or Soccer	

Module outcomes:

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

- coach players in the application of game skills, various game aspects and special play in a game situation.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXA324 OR MBXC324 OR MBXR324 OR MBXS324**	**Semester 2**	**NQF-level: 7** **Credits: 32**
Title:	Practical coaching in Athletics or Cricket or Rugby or Soccer	

Module outcomes:

After completion of the module, the student should:

- demonstrate exposure to various aspects regarding the coaching career related to the specific sport, and exercise it practically.

Method of delivery:	Full-time
Method of assessment:	50:50

Module code: **MBXG114**	**Semester 1**	**NQF-level: 6** **Credits: 8**
Title:	Coaching Science in Golf	

Module outcomes:

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

- show the ability to execute basic golf skills;
- know and apply the rules of the game;
- reflect knowledge and skills on effective planning to function successfully as a golf coach;

- present an effective practical session to other students;
- understand and apply the ethical practices of the game correctly.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXG221 OR MBXH221 OR MBXK221 OR MBXR221**	**Semester 2**	**NQF-level: 5** **Credits: 8**
Title:	Coaching science in Gymnastics or Hockey or Cricket or Rugby	

Module outcomes:

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

Gymnastics

- demonstrate knowledge w.r.t different techniques, aiding- and learning methods and analyzing of mistakes;
- show the ability to execute basic gymnastic skills;
- in a learning/teaching situation improve gymnastic skills through proper planning and exercise;
- reflect knowledge of effective planning skills to successfully function as gymnastic coach in a club scenario;
- comply to all the requirements to qualify as a General Sports Leader/coach;
- demonstrate knowledge regarding safety measures, gymnastic injuries and the treatment thereof;
- demonstrate and explain the process of talent identification in gymnastics;
- identify and treat injuries related to gymnastics and plan and execute preventive safety measures;
- apply sport- scientific principles e.g. Biomechanical knowledge, to round off gymnastic movements
- demonstrate an ethical accountable attitude/approach towards the coaching of gymnasts and talent identification;
- function effectively in a group or team.

Hockey

- master the scientific programme according to which new skills are acquired, and apply it effectively during practical sessions;
- present effective coaching to children (considering their motor-, social-, psychological level of development) in order to nourish lifelong interest in the sport and establish correct techniques;
- demonstrate knowledge in techniques, assistance rendering; methods to master the game and analyzing of mistakes in hockey;
- improve hockey skills through proper planning and exercise in a learning/teaching situation;
- reflect knowledge of/and effective planning skills to function successfully as hockey coach in a club and or school environment;
- function effectively in a group or team.

Cricket

- master and successfully apply the scientific programme to acquire new skills during practical sessions;
- apply knowledge w.r.t the biomechanical aspects of the game and apply it in an applicable practical manner;
- have knowledge concerning the injuries generally found in the game;
- understand, as a Sport- and Human Movement instructor, how to deal with injury related problems in the capacity of prospective cricket coach;
- show accountability to the Word of God as coach and Christian;
- in acquiring the abovementioned outcome, students have the opportunity to:
- obtain a Coaching Certificate (level 1) from the United Cricket Board of South Africa
- obtain a Certificate (level D) from the South African Union of Referees.
- Both the abovementioned certificates can be obtained from the North West Cricket Union (with additional costs and course attendance) and will be arranged on request.

Rugby

- show the ability to execute basic rugby skills;
- improve rugby skills through proper planning and exercise in a learning/teaching situation;
- reflect knowledge of effective planning skills to successfully function as rugby coach in a club scenario;
- present an effective practical coaching session to other students.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBXK124	Semester 2	NQF-level: 6 Credits: 12
Title:	Generic Coaching Science	

Module outcomes:
After completion of the module, the student should be able to:

- interpret the various capacities in coaching and train players (of all ages and in all levels of participation) with regard to the foundation principles of the sport to promote performance from an established ethical value system and scientific framework;
- describe and reflect basic and fundamental knowledge concerning the demands of a coaching career;
- identify different objectives in coaching and formulate own objectives thereon;
- develop and apply individual approaches with regard to coaching founded in the various capacities and objectives of coaching;
- develop practical skills with regard to interpersonal interaction and apply it in the coaching environment;
- utilize communication skills during the coaching process;
- utilize sports and games to develop players in specific coaching conditions;
- identify scientific principles supporting the development of skills and techniques;
- analyze and amend scientific principles with regard to the interaction of skills and practical conditions.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBXR112	Semester 1	NQF-level: 5 Credits: 12
Title:	Supplementation and Ergogenic aids	

Module outcomes:
After completion of the module, the student should be able to:

- differentiate between the various categories of ergogenic aids;
- differentiate between lawful and unlawful aids in sport;
- report on the ethical aspects concerning the utilization of ergogenic aids in sport;
- give a detailed discussion with regard to the different supplementation products used by sportsmen/women;
- interpret certain definitions with regard to supplementation in sport.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBXR114	Semester 1	NQF-level: 5 Credits: 12
Title:	Basic Anatomy and energy systems	

Module outcomes:
After completion of the module, the student should be able to:

- define and apply the different principles used in the identification and description of the various skeletal- and muscular structures;
- name and identify the anatomic structures of the different bones(skeletal system) and joints(articular system) as well as the primary muscles(muscular system) verbally and in written format;
- understand how the various physiological processes in the body adjust to short term and long term exercise by referring to repetition and the different energy systems.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: MBXR214	Semester 1	NQF-level: 6 Credits: 8
Title:	Sport physiology in Practice	

Module outcomes:
After completion of this module, the student will be able to:

- demonstrate knowledge and understanding of facts, key terms, principles, rules and theories of obesity , resistance and interval training as well as exercise equipment and techniques;
- demonstrate skills to apply knowledge, methods and techniques on ethical and responsible ways to identify obesity and to formulate possible physiological funded solutions and to develop weight loss

programs that will lead to the ideal results in practice;
- demonstrate the ability to identify, analyse and evaluate sport physiological problems and to implement scientific knowledge and skills on an ethical responsible way to propose solutions in the conditioning program to improve performance;
- to communicate information reliably and accurately either in writing, verbally or in practical demonstrations.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXR216**	**Semester 1**	**NQF-level: 6** **Credits: 16**
Title:	Game notational analyses and preparation	

Module outcomes:
After completion of the module, the student should be able to:
- differentiate between the various game plans;
- conduct game analysis and interpret results;
- in the light of aforementioned analysis compile the most suitable game plan for his/her team, and prepare them accordingly (physically and tactically).

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXR217**	**Semester 1**	**NQF-level: 7** **Credits: 8**
Title:	Sport management	

Module outcomes:
After completion of the module, the student should be able to:
- apply applicable factual knowledge with regard to management tasks in sport;
- know, interpret and reflect the various definitions with regard to sport management;
- interpret and reflect management communication skills practically;
- understand and develop a financial management system of a sport club.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXR218**	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Sport commercialization, sport development and sport law	

Module outcomes:
After completion of the module, the student should be able to:
Sport commercialization
- understand and explain the definition of sport commercialization;
- analyse, understand and apply strategic marketing management;
- develop and implement a sport marketing plan in full;
- determine and understand the different behaviour patterns in sport consumers;
- define, understand and explain market segmentation as well as strategies and techniques, the sport product, promotions, retail and price strategies and apply it effectively;

Sport development
- manage facilities for the development of sport;
- plan, work out and apply a complete session with children;
- establish a club;
- understand the sport structures in South Africa.

Sport law
- apply law enforcement on sport, taking general-, criminal- and civil law into consideration;
- understand the establishment and compilation of constitutions regarding clubs/associations/unaffiliated associations according to law;
- know the legal aspects concerning injuries between two or more parties during matches, disciplinary processes as well as persons responsible during events/tournaments;
- reflect knowledge and fully understand trademarks, and related legal aspects for instance copy right, patents, law as well as ethical concepts;

- employ a person according to legal guidelines on labour relations, and compile a contract in line with these specifications.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MBXR219**	**Semester 1**	**NQF-level: 6** **Credits: 8**

Title:	Sport organization and administration

Module outcomes:

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

- integrate complete knowledge and skills of human movement with the principles of recreation and adventure practices applicable to sport, health and human development in the acquisition of applied skills by problem solving, executing of projects, dealing with true-life case studies and practice-centered scenarios;
- attach evidence-driven interpretation through analysis, synthesis and evaluation to research results by founding it theoretically and effectively communicate it individually or in a group in writing by means of Information Technology and verbally to laymen and professional audiences;
- demonstrate that in reaching outcomes, reasoning and communication are based on a pure world and life philosophy and an established value system.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: **MKBN121**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Microbiology for Nursing

Module outcomes:

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

- describe and compare prokaryotic and eukaryotic cell structure and function;
- discuss various aspects regarding infectious diseases caused by the most important bacteria, fungi, viruses and protozoa and other selected parasites;
- demonstrate expertise with regard to specific and non-specific mechanisms surrounding the host's protection against infectious diseases.

Method of delivery:	Full-time
Method of assessment:	

Module code: **MKBX213**	**Semester 1**	**NQF-level: 6** **Credits: 8**

Title:	Microbiology for food and nutrition

Module outcomes:

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

- demonstrate knowledge concerning microbiological aspects of laboratory techniques, preparation and storage of food and microbiological food safety in a selective way;
- apply basic laboratory techniques used in microbiological laboratories;
- demonstrate competency with regard to elementary research techniques, group work, writing of reports and problem solving by means of case studies;
- maintain strict ethical principles in all circumstances and show respect for life throughout.

Method of delivery:	Full-time

Method of assessment:

- a minimum of 40% is required to pass the written evaluation.
- The module mark is composed of formative and summative assessments in a ratio of 1:1;
- a minimum of 50% is required to pass the module.

Module code: **MKPN111 [G413P]**	**Semester 1**	**NQF-level: 5** **Credits: 12**

Title:	Microbiology for Pharmacy

Module outcomes:

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

- provide an overview of prokaryotic and eukaryotic cell structures and function, microbial diversity and

the control of micro organisms through physical methods and chemical substances;
- demonstrate expertise with regard to microbial pathogenicity and epidemiology as well as the specific and non-specific mechanisms of the host's defense against infectious diseases;
- discuss clinical syndromes of specific microbial infectious diseases,
- discuss diagnosis, prevention and treatment of specific microbial infectious diseases.

Method of delivery:	Full-time

Module code: **MKPN211 (G412P)**	**Semester 1**	**NQF-level: 6** **Credits: 8**
Title:	Microbiology for Pharmacy	

Module outcomes:
After completion of the module, the student should be able to:
- provide an overview of prokaryotic and eukaryotic cell structures and function, microbial diversity and the control of micro organisms through physical methods and chemical substances;
- demonstrate expertise with regard to microbial pathogenicity and epidemiology as well as the specific and non-specific mechanisms of the host's defense against infectious diseases;
- discuss clinical syndromes of specific microbial infectious diseases,
- discuss diagnosis, prevention and treatment of specific microbial infectious diseases.

Method of delivery:	Full-time

Module code: **NFSY311**	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Nutrition and food security	

Module outcomes:
After completion of the module, the student should be able to:
- a detailed knowledge of the concepts and aspects relating to food and nutrition security;
- a detailed knowledge and understanding of instruments used to assess and analyse Food and Nutrition Security
- an ability to identify, evaluate, select and apply appropriate methods, procedures and techniques in the process of investigating and developing appropriate strategies for food and nutrition security
- the ability to effectively work together in a team and display an ethically accountable approach to attain the outcomes relevant to this module

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NPCM471**	**Semester 1 & 2**	**NQF level: 8** **Credits: 24**
Title:	Nutrition practice for communities	

Module outcomes:
After completion of the module, the student should be able to:
- Both as individual and a team member from an established value system, demonstrate a thorough ability to assess and analyse the nutritional problems and needs of groups and individuals in the community;
- Demonstrate the ability to develop, design, implement, monitor and evaluate an appropriate intervention programme in the community;
- Use appropriate educational guidelines to plan interactive contact sessions for groups of vulnerable persons in a community, facilitate by using appropriate resources and evaluate by means of specific criteria;
- Display an ethically responsible approach to the management and implementation of community nutrition services and programmes.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NPPM471**	**Semester 1 & 2**	**NQF level: 8** **Credits: 24**
Title:	Nutrition, policy, programming and management	

Module outcomes:
After completion of the module, the student should be able to:

- Both as individual and a team member from an established value system, demonstrate a thorough knowledge and understanding of the national nutrition policy, guidelines and the Integrated Nutrition Programme;
- Demonstrate the ability to participate as part of a multi and interdisciplinary group in the development of a food and nutrition policy for the district; comprehend and implement internal and external policy in management;
- Use nutritional epidemiological data and other relevant data in determining critically issues when planning, designing, monitoring and evaluating appropriate actions to improve nutrition in the district;
- Demonstrate practical skills to use the tools of the District Health Information System (DHIS) software programme to its full potential in order to improve quality of data, indicators, reports and feedback; Demonstrate the ability to access the training needs of individuals and/or groups in communities/institutions involved in nutrition service delivery and develop appropriate educational programmes.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NPRG321**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Nutrition programming	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate a comprehensive and systematic knowledge and understanding of the nutrition programming process;
- demonstrate knowledge and understanding of successes in nutrition programming; and
- demonstrate knowledge and understanding of relevant and applicable interventions in South Africa to solve nutrition problems.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **NTPH411**	**Semester 1**	**NQF level: 8** **Credits: 16**
Title:	Nutrition in public health	

Module outcomes:
After completion of the module, the student should be able to:
- Demonstrate a comprehensive understanding of the public health approach, concepts and practices to develop strategies to prevent and manage/control specific nutrition related diseases
- Demonstrate a comprehensive understanding of the complex relationships between nutrition and health, both under and over nutrition

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTB111**	**Semester 1**	**NQF level: 5** **Credits: 12**
Title:	Introduction to the profession	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate, from a sound ethical value and human rights system, and according to thorough knowledge and insight on the professional skills of a qualified dietician and nutritionist, when the relevant rules and regulations of the Health Professionals Council of South Africa are applied to identify and participate in the most common career paths of these professions
- individually or as part of a group - identify, analyse, evaluate and make recommendations or offer solutions for simple real-life situations and problems regarding the code of conduct for professional nutritionists and/or dieticians as well as the health problems inherent to the South African population
- gather, evaluate and integrate into a report that conforms to the applicable format and conventions of the discipline, scientific information on ethical behaviour, private practice and lifelong learning and communicate it orally to an audience.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: NUTB112	Semester 1	NQF level: 5 Credits: 12
Title:	Introduction to nutrition	

Module outcomes:
After completion of the module, the student should be able to:
- be able to evaluate nutritional status and the accompanying health risks
- be able to evaluate nutritional adequacy of a diet and to give advice to optimise the nutritional adequacy thereof
- be able to plan a balanced diet for the general public
- show an ethical approach during the planning and analyses of diet plans.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: NUTB121	Semester 2	NQF level: 5 Credits: 12
Title:	Nutrients	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate knowledge and informed understanding regarding the physical and chemical nature of carbohydrates, metabolic functions and the health effects thereof; the transport of lipids in the blood; protein sources; micronutrients; functional foods and phytochemicals
- demonstrate the ability to identify, analyse and manage standard dietary problems, analyse and evaluate the value and composition of basic diets and solve general community and individual dietary problems as reflected in given contexts by using appropriate guidelines, principles and theories
- be able to communicate suggestions for effective dietary management in an appropriate and professional manner, verbally or in writing, using relevant IT, taking note of the rules on plagiarism and copyright, and according to prescribed academic and technical standards.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: NUTB211	Semester 1	NQF level: 6 Credits: 16
Title:	Nutrition through the life cycle	

Module outcomes:
After completion of the module, the student should be able to:
- detailed knowledge and a clear understanding of the physiological and sociological factors that influence nutrient requirements and intake during the life cycle, and how such knowledge relates to development and quality of life of individuals and groups during the different phases of the life cycle
- analyse and evaluate the nutritional adequacy of different diets for healthy adults, the elderly, pregnant women, lactating mothers, infants, young children, school-going children, adolescents and active individuals
- make practical recommendations, in accordance with the guidelines and professional scope of practice, for individuals or groups in different stages of the life cycle to optimise their nutritional status
- evaluate and interpret growth norms of infants, young- and school-going children and communicate findings in a coherent and professional manner.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: NUTB311	Semester 1	NQF level: 7 Credits: 24
Title:	Nutrition: life style health disorders for nutrition	

Module outcomes:
After completion of the module, the student should be able to:
- show confidence in the nature, etiology, symptoms, clinical image, pathology, diagnoses of and medication for diseases with dietary implications
- evaluate case studies to demonstrate skills theoretically and practically regarding the association

between illnesses, medicine, the digestion system and nutrient interaction
- develop or adjust a diet in order to monitor or manage a relevant illness
- motivate and evaluate the value of a specially designed diet in the prognosis and management of specific illnesses
- communicate from an ethical accountable framework on all levels of functioning with sick and healthy patients/clients.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTC221**	**Semester 2**	**NQF level: 6** **Credits: 8**
Title:	Introduction to community nutrition	

Module outcomes:
After successful completion of the module, the student should be able to demonstrate:
- a detailed knowledge and understanding of the community nutrition situation in South Africa, including the multiple burden of disease (HIV/AIDS and TB, under-nutrition and over-nutrition);
- an ability to apply mastered knowledge and skills to identify nutritional problems within a community and suggest solutions to defined problems;
- the ability to effectively work together in a team and display an ethically accountable approach to attain the outcomes relevant to this module

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTC321**	**Semester 2**	**NQF level: 7** **Credits: 8**
Title:	Community nutrition	

Module outcomes:
After completion of the module, the student should be able to:
integrated knowledge and understanding of applicable national nutrition-related policies, programmes, strategies and interventions;
integrated knowledge and understanding of the use of nutrition surveillance in the context of community nutrition;
comprehensive understanding to conceptualise, plan, implement, monitor, evaluate and document appropriate intervention strategies/programmes to address nutrition and related health issues of groups in communities and/or the public;
integrated knowledge and understanding of the use of written and verbal communication of relevant nutrition information to the public using appropriate yet understandable professional discourse while educating communities on the importance of nutrition-related health issues;
integrated knowledge and understanding of nutrition in emergency situations;
- reflection of all values, ethical conduct and justifiable decision making appropriate to the practice of community nutrition, using available resources in an accountable manner.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTC471**	**Semester 1 & 2**	**NQF level: 8** **Credits: 32**
Title:	Community nutrition practice	

Module outcomes:
After completion of the module, the student should be able to:
- an integrated knowledge and critical understanding to evaluate the nutritional needs of groups and individuals in a community, and engage with nutrition-related policies, strategies, programmes, procedures and interventions in South-Africa;
- an ability to apply a range of different but appropriate practical skills to collect information and critically evaluate complex situations and problems regarding nutrition in vulnerable groups and individuals in the community with the aim to suggest motivated improvements;
- the ability to select and apply scientific methods to do focused nutrition-related research in a community, to critically evaluate and integrate the information and recommend appropriate interventions via effective modes of communication (e.g. scientific research reports);

- an ethically and professional responsible approach to the management and implementation of community nutrition services as an individual but also as part of a multi-disciplinary team.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTF221**	**Semester 2**	**NQF level: 6** **Credits: 12**
Title:	Food service management: Management aspects	

Module outcomes:

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

- demonstrate, from an established ethical value system perspective, sound knowledge and practical skills with regard to management and leadership as critical elements of the transformation process, both individually and as part of a team
- be able to identify, analyse, evaluate and make recommendations or offer solutions for complex authentic situations and problems related to human resource management, productivity and the budgeting process, work performance and financial management in the FSU
- be able to gather, evaluate and integrate scientific information into a report that conforms to the applicable formats and conventions of the discipline as well as orally communicate it to an audience by means of the applicable IT.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **NUTF321**	**Semester 2**	**NQF level: 7** **Credits: 16**
Title:	Food service management: Systems and large scale production	

Module outcomes:

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

- Demonstrate an integrated knowledge and practical skills, as an individual and also as a member of a team, using an established ethical value system as a point of reference, regarding food provision as a critical element in the transformation process, which includes the following: availability of food, distribution of meals, purchasing, reception and production
- Identify, analyse and evaluate (critically reflect) situations and problems that are related to control, transformation, outputs, inputs and environmental aspects in the FSU and also present recommendations or evidence-based solutions for these in report format by means of theory-driven arguments
- Collect, evaluate and present (communicate) relevant scientific data – both individually and as a member of a team – by integrating well structured arguments with an awareness of the client's needs and cultural background, when compiling and executing menus for healthy and sick people.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module Code: **NUTF471**	**Semester 1 & 2**	**NQF level: 8** **Credits: 32**
Title:	Food service management practice	

Module outcomes:

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

- Demonstrate comprehensive and systematic knowledge of food safety as a critical element in the transformation process (availability of food, distribution of meals, purchasing, receiving and production)
- Identify, analyse and evaluate complex situations and problems that relate to human resources management, productivity, the budgeting process, performance and financial management in the FSU by means of a variety of specialised skills
- As manager of the section, know and implement the generic aspects of management (leadership, planning, implementation, delegation and evaluation) in real-life situations in the FSU, both as an individual or as a member of a team
- Communicate in an ethically accountable way on all levels with sick and healthy clients, as well as with employees and through critical reflection on the relevance of different ethical value systems in the area of foodservice management, identify and address ethical dilemmas.

Method of delivery:	Full-time	
Method of assessment:	See study guide	
Module code: **NUTP271**	**Semester 1 & 2**	**NQF level: 6** **Credits: 12**
Title:	Nutrition practice II	

Module outcomes:

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

- A basic, practical understanding of how the dietitian functions within the various fields of nutrition, as well as the ability to participate in appropriate, nutrition-related activities;
- A basic, practical understanding of the nutrition consultation process observed at Ingryp Campus clinic, coupled with the ability to apply appropriate techniques to measure these patients' anthropometric status and to record and analyze their food intake using appropriate techniques and tools;
- An ability to interact in a respectful, responsible and professional manner with patients and staff members of the health professions team.

Method of delivery:	Full-time	
Method of assessment:	See study guide	
Module code: **NUTP371**	**Semester 1 & 2**	**NQF level: 7** **Credits: 16**
Title:	Nutrition practice III	

Module outcomes:

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

- An integrated, practical knowledge of how the dietitian functions within the various fields of nutrition, as well as the ability to participate in appropriate, nutrition-related activities;
- An ability to conduct a hospital-based, nutritional consultation by applying the ABCD's to assess nutrition status accurately;
- An ability to interact in a respectful, responsible and professional manner with patients and staff members of the health professions team;
- An ability to present a patient's case with the nutrition diagnosis, realistic dietary goals, and plans of appropriate interventions, in a sensible and professional manner to classmates, lecturers and dietitians, thereby practicing to manage a patient nutritionally and to make significant contributions during multidisciplinary ward rounds.

Method of delivery:	Full-time	
Method of assessment:	See study guide	
Module code: **NUTR321**	**Semester 2**	**NQF level: 7** **Credits: 16**
Title:	Nutrition research methodology	

Module outcomes:

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

- Integrated knowledge and understanding of the research process within the field of nutrition
- Ability to identify, analyse, critically reflect on and address complex nutrition related matters and apply evidence-based arguments
- Reflection of all values, ethical conduct and justifiable decision making appropriate to the practice of nutrition research.

Method of delivery:	Full-time	
Method of assessment:	See study guide	
Module code: **NUTR471**	**Semester 1 & 2**	**NQF level: 8** **Credits: 32**
Title:	Nutrition research	

Module outcomes:

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

- the ability to critically interrogate multiple sources in order to select, evaluate and then investigate a prominent nutrition research question
- an ability to apply appropriate scientific methods of enquiry to address and solve a prominent research

problem in the field of nutrition
- effective functioning within a team in a nutrition research environment and demonstrate logical and critical understanding of the roles of all role players and taking responsibility for task outcomes
- present accurate and coherent research results in an academically sound and professional manner.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTT311**	**Semester 1**	**NQF level: 7** **Credit: 24**
Title:	Nutrition: life style health disorders for dietetics	

Module outcomes:
After completion of the module, the student should be able to:
- After completion of the module, the student should be able to:
- show confidence in the nature, etiology, symptoms, clinical image, pathology, diagnoses of and medication for diseases with dietary implications
- evaluate case studies to demonstrate skills theoretically and practically regarding the association between illnesses, medicine, the digestion system and nutrient interaction
- develop or adjust a diet in order to monitor or manage a relevant illness
- motivate and evaluate the value of a specially designed diet in the prognosis and management of specific illnesses
- communicate from an ethical accountable framework on all levels of functioning with sick and healthy patients/clients.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTT321**	**Semester 2**	**NQF level: 7** **Credit: 24**
Title:	Therapeutic nutrition	

Module outcomes:
After completion of the module, the student should be able to:
- have a well-rounded and systematic knowledge base on all aspects regarding specific disease states with dietary implications
- be able to analyse case studies in order to demonstrate your expertise, both in a practical and theoretical manner, with regard to nutritional support, trauma, and the relationship between disease states and nutrient interaction
- compile a nutritional care plan where you demonstrate the ability to analyse, integrate and interpret nutritional assessment data to diagnose and identify nutrition related problems, as well as plan a strategy to address the problems identified
- To communicate and treat patients/clients in an ethical and professional manner.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: **NUTT322**	**Semester 2**	**NQF level: 7** **Credits: 8**
Title:	Paediatric therapeutic nutrition	

Module outcomes:
After completion of the module, the student should be able to:
- have a well-rounded and systematic knowledge base on all aspects regarding specific disease states with dietary implications in paediatric patients
- be able to analyse case studies in order to demonstrate your expertise, both in a practical and theoretical manner, with regard to nutritional support, and the relationship between specific disease states and nutrient interaction in paediatric patients
- compile a nutritional care plan where you demonstrate the ability to analyse, integrate and interpret nutritional assessment data to diagnose and identify nutrition related problems, as well as plan a strategy to address the problems identified.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: NUTT471	Semester 1 & 2	NQF level: 8 Credits: 40
Title:	Applied therapeutic nutrition	

Module outcomes:

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

- know the nature, aetiology, symptoms, clinical manifestations, pathophysiology, diagnosis and medication of specific diseases with dietary implications
- be able to demonstrate the ability to assess nutritional status of patients in the hospital setting
- be able to demonstrate the ability to analyse and interpret demographic, socio-economic, anthropometric, biochemical, clinical and dietary data to identify nutrition and health related risks and problems
- be able to demonstrate the ability to formulate a nutritional diagnosis based on the appropriate methods of nutrition assessment and an understanding of the relationship between diseases of the different organs, immune system and nutrient interactions
- devise or modify and implement a nutritional care plan for the management of relevant diseases or conditions in the hospital setting
- be able to demonstrate the ability to monitor the implementation of the nutritional care plan and identify and solve problems with the implementation
- demonstrate the ability to communicate effectively with individual patients as well as groups.

Method of delivery:	Full-time
Method of assessment:	See study guide

Module code: PSYC111	Semester 1	NQF-level: 5 Credits: 12
Title:	Introduction to Psychology	

Module outcomes:

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

- demonstrate a fundamental knowledge base of basic human functioning including biological cognitive, emotional and motivational processes, as well as their relatedness, human and personality development manifesting itself in abnormal behaviour and optimal human development
- demonstrate an understanding of the basic aspects of human functioning in the self and other people in well-defined situations in the learning context
- demonstrate a greater awareness and sensitivity for basic human functioning in self and others in a multi-cultural context by means of a reflective diary, as well as by applying relevant literature in an integrated manner in an individual, written assignment and an oral poster presentation.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 2 hours; 1 : 1

Module code: PSYC121	Semester 2	NQF-level: 5 Credits: 12
Title:	Social and Community Psychology	

Module outcomes:

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

- demonstrate a fundamental knowledge of and insight into the perspectives and theories on which social and community psychology is based and also to apply the concepts and terminology in well-defined problems or case studies such as poverty, constant change, human rights, power abuse, corruption, racism, xenophobia, etc within a multi-cultural context and an understanding of the inter-relatedness;
- demonstrate information gathering and processing skills for writing assignments within the context of the social and community psychology, individually or in groups;
- analyze and evaluate, in individual and group tasks, case studies, examples or problem situations and solutions, to convey this in the form of a report or assignment, verbally or written, within the prescribed conventions and formats;
- demonstrate a clear attitude and ethical system in all forms of communication and interaction with people.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 2 hours; 1 : 1

Module code: PSYC211	Semester 1	NQF-level: 6 Credits: 16
Title:	Developmental Psychology	

Module outcomes:

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

- develop a sound knowledge base of the physical, cognitive, social, moral and personality development of human beings in every stage of the life cycle
- demonstrate a sound understanding of views on human nature, concepts, theories and key terminologies used in Developmental Psychology in order to communicate information reliably, coherently and ethically in assessment tasks;
- demonstrate the ability to critically evaluate, analyze and synthesize information of human development in order to solve simulated problems, individually and in groups
- develop a sound understanding of academic discourses concerning the impact which diverse contexts such as poverty, malnutrition, over-population, geographic circumstances, discrimination and inadequate social and physical stimulation has on human development.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours; 1 : 1

Module code: PSYC212	Semester 1	NQF-level: 6 Credits: 16
Title:	Personality Psychology	

Module outcomes:

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

- demonstrate a grounded knowledge of:
- different meta-theoretical world and life views relevant to human functioning
- schools of thought on personality for example psychodynamic, humanistic and eco-systemic;
- explain, reason, substantiate with applicable literature and communicate, verbally and in written form, the content and application possibilities of personality theories and personality psychology integrating the basis of scientific method and ethical principles;
- analyze well-defined and emerging true life problems, situations and case studies by using the most applicable procedures and techniques used in personality psychology, to explain behaviour using personality theories, to compare and to reason possible solutions and to communicate this in a coherent/ logical and reliable report.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours; 1 : 1

Module code: PSYC221	Semester 2	NQF-level: 6 Credits: 16
Title:	Positive Psychology	

Module outcomes:

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

- demonstrate a solid knowledge base of
- the shift from the traditional pathogenic paradigm to a salutogenic perspective of human functioning and from there to a balanced perspective on mental health from pathology to flourishing and its implications for public health care
- Positive Psychology/Psychofortology as a movement within the field of Psychology,
- a sound understanding of the important concepts, rules, principles and theories related to psychological health in order to apply it to the identification and facilitation of personal and others' functioning within a multicultural context;
- demonstrate the ability to solve well-defined but unfamiliar problems related to psychological and psycho-social health, using appropriate procedures and sound evidence drawn from a critical analysis of different theories within Positive Psychology/Psychofortology, and communicate the information reliably and coherently, both orally and in writing, giving proof of effective and critical reasoning/;
- apply your knowledge and insight in Positive Psychology/Psychofortology in a moral-ethical and culture sensitive way on both individual and social levels with sensitivity to inter alia collectivist and individualist value systems.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours; 1 : 1

Module code: PSYC311	Semester 1	NQF-level: 7 Credits: 16
Title:	Psychopathology	

Module outcomes:

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

- demonstrate ,in the context of a bio-psycho-social model
- a rounded and systematic knowledge of psychological disturbances in a multi-cultural context; and
- show a coherent and critical understanding of the relevant concepts and terminologies, theories and processes and techniques of the psychopathology in a professional context so that you can apply this in undefined and more complex problem situations in case studies;
- an understanding of pathology and interventions in the context of primary, secondary and tertiary health care;
- demonstrate the skills of information gathering and processing in order to complete written assignments;
- analyze case studies individually or in groups and to give your own integrated opinion based on theoretical grounds and to communicate this information in the form of a report according to prescribed conventions of the discipline;
- demonstrate a clear value system and code of ethical conduct in all forms of communication and interaction.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours; 1 : 1

Module code: PSYC312	Semester 1	NQF-level: 7 Credits: 16
Title:	Psychometrics and research	

Module outcomes:

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

- explain the nature and process of psychological evaluation as embedded in the various perspectives on reality and human functioning;
- know the basic characteristics and technical requirements of psychological tests, as well as be able to describe and evaluate (orally or in writing) how tests and test norms are developed;
- evaluate the usability of psychological tests by means of their psychometric characteristics, taking into account ethical facets;
- explain the controlling and use of assessment measures within diverse populations using appropriate standards and norms;
- demonstrate a coherent and informed understanding of the research process as it applies to both quantitative and qualitative research against the backdrop of perspectives on reality;
- independently obtain and synthesize information from both virtual and other credible sources for the completion of tasks such as assignments and projects;
- critically analyze and evaluate research articles and formulate an independent opinion based on substantive theories and write a report based on the APA conventions.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours; 1 : 1

Module code: PSYC321	Semester 2	NQF-level: 7 Credits: 16
Title:	Basic Counseling and ethical conduct	

Module outcomes:

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

- demonstrate a grounded knowledge of a general model, the therapeutic process, typical counseling techniques, a few selected application fields (e.g. AIDS and post traumatic counseling) and the ethical code of counseling and a coherent and critical understanding of the relevant concepts, principles and theories of the field so that you can apply this in undefined complex problem situations and ethical dilemmas in case studies;
- analyze case studies or examples (individually or in groups) and form an own opinion based on theoretical grounds and to communicate this in a report according to prescribed conventions of the discipline;
- demonstrate a clear value and ethical system in all forms of communication and interaction with an awareness of human rights issues.

Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours; 1 : 1	
Module code: **PSYC322**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Applied Psychology	

Module outcomes:

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

- demonstrate a well-rounded and systematic knowledge base of human functioning on all levels of development in a multi-cultural context and facilitate it on an integrated level in practice or simulated situations;
- demonstrate a critical understanding of perspectives on human functioning from a coherent own world view;
- demonstrate effective selection and application procedures for gathering qualitative and quantitative information and to integrate it to illustrate your ability to deal with unfamiliar, concrete and/or abstract problems using evidence based solutions and theory–driven arguments;
- demonstrate a well-established value system and ethical conduct in all communication and interaction;
- demonstrate the ability to use the prescribed format applicable to Psychology in all forms of communication.

Method of delivery:	Full-time	
Method of assessment:	Pc Written group assignment; 6:4	
Module code: **PUMA625**	**Semester 2**	**NQF-level: 8** **Credits: 16**
Title:	Public Project Management	

On successful completion of this module, students should be able to:

- show a comprehensive, systematic and integrated knowledge of project management in the South African public sector which includes all three spheres of government, National, Provincial and Local Government;
- demonstrate a coherent and critical understanding of core principles, models and theories regarding project management for efficient, effective and economical functioning of public sector institutions;
- identify and analyse complex project management challenges in the public sector and initiate solutions to such challenges through the insightful application of project management knowledge areas.

Method of delivery:	Full-time	
Method of assessment:	See study guide	
Module code: **RKKX113**	**Semester 1**	**NQF-level: 5** **Credits: 12**
Title:	Introduction to Recreation Science	

Module outcomes:

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

- reflect basic/fundamental knowledge on the historic development of recreation, the status of recreation provision in South Africa as well as recreation structures within South Africa;
- demonstrate effective and efficient skills concerning the role of a recreationist within the present-day community;
- show a coherent critical understanding of the social, psychological, physical and environmental advances of recreation participation as well as the different programme areas and formats;
- reflect and stimulate an ethical accountable attitude towards the different forms of recreation.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: RKKX123	Semester 2	NQF-level: 5 Credits: 12
Title:	Introduction to Outdoor Recreation	

Module outcomes:
After completion of the module, the student should be able to:
- reflect basic/fundamental knowledge and critical understanding on the historic development of outdoor recreation;
- demonstrate effective and efficient evaluation skills to solve known problems regarding safety management in an accountable manner;
- show a coherent and critical understanding on the philosophical foundations and key principles of recreation;
- supply outdoor recreation from an established ethical value system.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: RKKX214	Semester 1	NQF-level: 6 Credits: 16
Title:	Recreation Leadership	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate fundamental knowledge regarding recreation leadership including leadership theories and –techniques;
- apply practical leadership skills in leading various target groups;
- identify and solve known and unknown problems concerning recreation leadership from an established ethical value system and at the hand of various leadership principles and –theories.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: RKKX224	Semester 2	NQF-level: 6 Credits: 16
Title:	Applied Recreation Practice	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate fundamental knowledge regarding the utilization and presentation of a variety of adventure activities;
- apply practical skills in a variety of adventure activities within known environments;
- identify known and unknown risks related to a variety of adventure activities and manage it within an ethical accountable framework.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: RKKX314	Semester 1	NQF-level: 7 Credits: 16
Title:	Professional Issues in Recreation Science	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate complete knowledge regarding the nature and importance of ethics in the provision of recreation services and demonstrate the various ethical theories;
- apply competency through the utilization of ethical theories in order to analyze and rate current professional matters in recreation service provision;
- identify and solve ethical dilemmas in recreation service provision.

Method of delivery:	Full-time
Method of assessment:	50 : 50

Module code: RKKX315	Semester 1	NQF-level: 7 Credits: 16
Title:	Leisure Time Facilitation	
Module outcomes: After completion of the module, the student should be able to: • reflect complete knowledge concerning principles, techniques, methods and processes relevant for facilitation; • demonstrate effective and efficient facilitation skills by means of various facilitation techniques; • show a coherent and critical understanding of the leadership role within facilitation, as well as the principles of functional growth and educational models of experience learning, and apply it in practice; • show and stimulate an ethical accountable attitude towards the different forms of recreation.		
Method of delivery:	Full-time	
Method of assessment:	50 : 50	
Module code: RKKX324	**Semester 2**	**NQF-level: 7 Credits: 16**
Title:	Leisure Time Programming	
Module outcomes: After completion of the module, the student should be able to: • reflect knowledge on processes to provide extensive leisure time services with reference to strategies and methods of programme service provision, within the current development of the study field; • apply effective planning skills to involve a variety of populations in leisure time participation; • show understanding in research and technology to combine models of leisure time service delivery with a view to provide leisure time services; • solve problems of leisure time participation within an ethical accountable framework, and contribute to the awareness of recreation within the South African context.		
Method of delivery:	Full-time	
Method of assessment:	50 : 50	
Module code: RKKX325	**Semester 2**	**NQF-level: 7 Credits: 16**
Title:	Recreation Management	
Module outcomes: After completion of the module, the student should be able to: • reflect complete knowledge regarding the nature and components of recreation management and explain it; • apply management skills in the execution of a variety of management functions; • solve known and unknown problems regarding recreation service delivery by means of effective administration and apply it within an ethical accountable framework.		
Method of delivery:	Full-time	
Method of assessment:	50 : 50	
Module code: SANL225	**Semester 2**	**NQF-level: 7 Credits: 16**
Title:	Urban Anthropology	
Module outcomes: After completion of module SANL225, the student will demonstrate: • Have a basic knowledge and a comprehensive understanding of key concepts in Urban Anthropology; and • Demonstrate effective qualitative research skills to analyse, evaluate, synthesise and reliably communicate, according to the academic conventions of the discipline, the complexity surrounding anthropological research questions related to urban contexts and urban social phenomena.		
Method of delivery:	Full-time	
Method of assessment	Tests and assignments – weight: 50% Semester exam 1x3 hours – weight: 50%	

Module code: SOCL222	Semester 2	NQF-level: 7 Credits: 16
Title:	Medical Sociology	

Module outcomes:
After completion of the module, the student should be able to:
- discuss and demonstrate knowledge of different sociological perspectives on health, illness and the medical profession.
- demonstrate knowledge of socio-cultural, socio-economic and socio-political systems and its impact on health and medical practices.
- critically discuss key concepts such as health, illness, well-being, risk, vulnerability, etc.
- discuss and critically analyze health determinants and risk factors in the South African historical and contemporary context, such as poverty, unemployment, violence, HIV/AIDS, etc.

Method of delivery:	Full-time
Method of assessment:	Tests and assignments – weight: 50% Semester exam 1x3 hours – weight: 50%

Module code: SOCL324	Semester 2	NQF-level: 7 Credits: 16
Title:	Clinical Sociology	

Module outcomes: On successful completion of this module, students should be able to
- Demonstrate a rounded knowledge on the manner in which Sociology has been used in applied and clinical settings
- critically theorise, apply and develop techniques for applying Sociology in one's own professional activities, as well as the ways in which Clinical Sociology can be applied with special reference to the South African context
- communicate solutions to problems and views on debates centring on Clinical Sociology in an ethically accepted way by means of individual and/or group discussions.

Method of delivery:	Full-time
Assessment methods:	Tests and assignments – weight: 50% Semester exam 1x3 hours – weight: 50%

Module code: SOCL327	Semester 2	NQF-level: 7 Credits: 16
Title:	Political Sociology	

Module outcomes: On successful completion of this module, students should be able to
- provide proof of well-rounded knowledge about theories and themes in the field of political sociology and argue it critically;
- collect information through advanced research skills and analyse, synthesise and evaluate this information in order to offer solutions and theoretically driven arguments according to academic conventions.

Method of delivery:	Full-time
Assessment methods:	Tests and assignments - weight: 50% Semester exam 1x3 hours - weight: 50%

Module code: SOCL328	Semester 2	NQF-level: 7 Credits: 16
Title:	Gender and Sexuality	

Module outcomes: On successful completion of this module, students should be able to
- demonstrate a well-rounded theoretical knowledge about the themes gender, sex and sexual orientation;
- solve undefined and often complex problems regarding gender and sexuality within defined as well as undefined contexts by analysing, evaluating and synthesising them individually and/or within groups in an ethical acceptable way.

Method of delivery:	Full-time
Method of assessment:	Tests and assignments – weight: 50% Semester exam 1x3 hours – weight: 50%

Module code: VGHB122	Semester 2	NQF-level: 5 Credits: 12
Title:	Design study	

Module outcomes:
After completion of the module, the student should be able to:

- approach and apply design study from a creative and problem-solving perspective when doing various practical assignments;
- discuss and apply the elements of design, namely line, form, texture and space in the planning of interior environments, clothing, and when necessary in the field of meal planning;
- discuss and apply the principles of design, namely balance, proportion, emphasis, rhythm and harmony in the planning of interior environments, clothing and meal planning;
- do an analysis of colour and evaluate the effect of colour on different materials;
- interpret and apply the features and principles underlying colour (as design element) in the planning of interior environments and clothing; and
- co-operate efficiently in groups

Method of delivery:	Full-time

Method of assessment:

- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: VGHB221	Semester 2	NQF-level: 6 Credits: 16
Title:	Consumer purchasing practices and Resource management	

Module outcomes:
After completion of the module, the student should be able to:

- have an understanding of differences in the needs of consumers regarding soft furnishings and appliances;
- demonstrate insight in the broad spectrum of soft furnishings, as well as the effect it creates;
- use place theory as scientific substrate for explaining differences in the needs of consumers;
- demonstrate insight in the factors that influence the consumer's decision-making process and management of resources;
- demonstrate the necessary skills to advise the consumer to make effective decisions with regard to the purchasing of household furnishings and appliances; and
- co-operate as member of a group on assignments and projects

Method of delivery:	Full-time

Method of assessment:

- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: VGHB311	Semester 1	NQF-level: 7 Credits: 24
Title:	Interior design and housing	

Module outcomes:
After completion of the module, the student should be able to:

- demonstrate the necessary knowledge and insight in the scope and content of housing and interior design as subject areas,
- demonstrate the necessary knowledge and insight in the approaches and theories on which the planning and insight of living areas are based, as well as the needs which are related to having satisfaction and quality of life; and
- use various visual presentation techniques to demonstrate the above mentioned areas;
- render consumer guidance regarding housing types, housing decision-making, housing right and analyse economical aspects on micro level, and give and motivate a value judgement regarding the applicability and suitability of various living spaces;
- act correctly within an ethically framework and from a fixed value system in all communication concerning guidance of clients on housing and interior design;
- execute projects in group context and critically interpret, analyse and effectively integrate information from various sources into an applicable and suitable model of living spaces; and

- apply problem-solving skills regarding changed housing circumstances in order to optimally satisfy the needs of consumers.

Method of delivery:	Full-time

Method of assessment:
- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: **VKLE114**	**Semester 1**	**NQF-level: 5** **Credits: 12**

Title:	Fashion History

Module outcomes:
After completion of the module, the student should be able to:
- have knowledge concerning architectural, furnishing/interior and clothing styles, recognise them and describe them using the correct terms;
- have insight in the factors through which these styles originated and developed;
- have obtained an appreciation for the cultural heritage covered by the study module;
- be able to evaluate modern fashion trends by recognising historical characteristics and influences; and
- Access references in the library and on the Internet, and integrate the relevant information in literature assignments and correctly apply literature references.

Method of delivery:	Full-time

Method of assessment:
- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: **VKLE214**	**Semester 1**	**NQF-level: 6** **Credits: 16**

Title:	Introduction to the Fashion industry

Module outcomes:
After completion of the module, the student should be able to:
- have basic background knowledge of the clothing and textile industry;
- apply the distribution channels to any given products;
- explain the role of the consumer scientist in the fashion industry;
- predict the influence that various role players have on the consumer;
- explain the South African retail structure and also evaluate its effectiveness;
- have insight in the origin and development of fashion;
- analyse factors that influence consumer acceptance of fashion, and analyse and explain the principles of fashion prediction;
- explain the importance of the effective visual display of merchandise;
- use the library and Internet to access information; and
- conduct an informed conversation concerning the controversial ethical issues in the South African fashion industry.

Method of delivery:	Full-time

Method of assessment:
- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: **VKLE312**	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Textile Studies

Module outcomes:
After completion of the module, the student should be able to:
- reflect a sound knowledge of textile fibres, threads, textile fabric construction and finishes;
- analyse textile-related problems of consumers and to make the correct recommendations by applying textile knowledge;
- compare various textile materials for serviceability, and to recommend suitable choices for different

purposes;
- at all times give guidance to the textile user from an established ethical value system;
- obtain and use textile sources in an ethically correct manner;
- have skills in the use of apparatus and techniques to evaluate and construct textiles;
- use various forms of technology to effectively communicate knowledge concerning textiles to the user; and
- co-operate and function as a member of a group on group assignments

Method of delivery:	Full-time

Method of assessment:
- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: **VKLE321**	**Semester 2**	**NQF-level: 7** **Credits: 16**

Title:	Fashion industry and psycho-social clothing behaviour

Module outcomes:
After completion of the module, the student should be able to:
- clarify stock management from the manufacturer's point of view by defining the role of the consumer and the consumer scientist in this regard;
- identify, satisfy and solve the needs, preferences and problems of consumers in the accessories industry;
- evaluate and effectively apply existing trend prediction techniques to any retailer;
- start functioning independently and in a problem-solving manner as consumer scientists;
- demonstrate insight in the clothing behaviour of individuals and groups from a framework of cognitive and symbolic interaction;
- discuss and demonstrate the influence of culture on clothing and the individual with examples;
- demonstrate a critical disposition towards social psychological aspects of clothing from a Christian value-orientation;
- efficiently co-operate with others in groups; and
- use the library and Internet to access information

Method of delivery:	Full-time

Method of assessment:
- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: **VNDL311**	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Nutrition: Lifestyle health disorders

Module outcomes:
After completion of the module, the student should be able to:
- show confidence in the nature, etiology, symptoms, clinical image, pathology, diagnoses of and medication for diseases with dietary implications;
- evaluate case studies to demonstrate skills theoretically and practically regarding the association between illnesses, medicine, the digestion system and nutrient interaction ;
- develop or adjust a diet in order to monitor or manage a relevant illness;
- motivate and evaluate the value of a specially designed diet in the prognosis and management of specific illnesses; and
- communicate from an etical accountable framework on all levels of funtioning with sick and healthy patients/clients.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VOED122**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Nutrition status

Module outcomes:
After completion of the module, the student should be able to:

- evaluate nutrition status together with accompanying health risks;
- prescribe a balanced diet and make dietary adjustments for general public and sportsmen and -women;
- demonstrate an ethical accountable approach in the compilation and analysis of dietary plans;
- with regard to nutrition, distinguish between scientific knowledge and quackery;
- interpret information on food etiquettes;
- calculate own daily energy consumption;
- categorize own body weight;
- calculate the weight needed to reach a healthy body weight index;
- recommend a sensible strategy to reach and maintain a healthy body weight.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VOED211**	**Semester 1**	**NQF-level: 6** **Credits: 16**

Title:	Nutrients

Module outcomes:

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

- demonstrate a well rounded and systematic knowledge regarding the physical and chemical nature of carbohydrates, metabolic functions and the health effect thereof, transportation of lipids in the blood, protein sources, micro nutrients, functional food categories and fito-chemicals;
- demonstrate competency and skills to identify and analyze dietary problems, plan diets, and analyze, evaluate and solve dietary problems in real case studies with the aid of applicable guidelines, principles and theories; and
- as an individual or as part of a team communicate prescribed standard proposals and results by means of applicable IT equipment verbally and in writing to peers and experts.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VOED221**	**Semester 2**	**NQF-level: 6** **Credits: 16**

Title:	Family and community nutrition

Module outcomes:

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

- identify physiological and sociological factors affecting nutrition requirements during the life cycle;
- conduct dietary assessments and make recommendations to individuals and groups in the different stadia of the life cycle in order to optimize their nutrition status;
- interpret growth norms for babies;
- promote breastfeeding;
- evaluate school nutrition programmes theoretically;
- function effectively in teams;
- founding the value of family nutrition from an ethical philosophic perspective;
- submit an overview of the national nutrition policy, dietary guidelines and integrated nutrition programmes;
- identify nutrition problems in the community, analyze it critically and plan and evaluate applicable interventions;
- reflect an ethical accountable approach to the management of community nutrition services; and
- function in teams to reach outcomes applicable to community nutrition.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VOED323**	**Semester 2**	**NQF-level: 7** **Credits: 24**

Title:	Advanced nutrition and nutrition research

Module outcomes:

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

- retrieve, read, interpret and evaluate scientific literature independently and include it in a scientific report which can be used during practical nutrition educational sessions for individuals, groups and communities;
- evaluate the utilization of any ergogenic nutritional aids and assist athletes to adjust their body

composition by planning and implementing individual meal plans;
- critically evaluate the physiological and metabolic effects of starch fractions, dietary fibre, glucemic index, polyunsaturated fats and anti-oxidants, as well as the role of the glucemic index in sport performance;
- evaluate the role of omega-3 polyunsaturated fats in fetal- and baby development
- discuss the relation between genetics, nutrition and health;
- reflect knowledge in the integrated nutrition programme for South Africa which provides a framework for the implementation of nutrition programmes;
- apply the principles of abovementioned plan and critically evaluate and adjust food based dietary guidelines and nutrition intervention programmes for specific target groups in the South African community;
- function effectively in a group and understand the importance of multi-disciplinary co-operation;
- communicate knowledge scientifically by means of reports or verbal dialogue; and
- be aware of the neccessity to be in the outskirts of latest development in nutrition science.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VPBB421**	**Semester 2**	**NQF-level: 8** **Credits: 8**

Title:	Health Service Management Skills

Module outcomes:
After completion of the module, the student should be able to:
- apply principles of health service management and financial leadership and quality assurance to management of a nursing or extensive primary health service unit.
- participate in the composition, training, teaching and applying of human resources with the aim of supplying health care to the community

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 2 hours 1 : 1

Module code: **VPBP471**	**Semester 1 & 2**	**NQF-level: 8** **Credits: 8**

Title:	Health Service Management Practice

Module outcomes:
After completion of the module, the student should be able to:
- plan, organize and audit a health service in hospital or in the community
- He/she will be able to make professionally-ethical decisions and to function as a professional practitioner within the legal-ethical framework as well as be able to do a nursing research project.

Method of delivery:	Full-time
Method of assessment:	Practica 1 : 1

Module code: **VPEK311**	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Introductory and Clinical Psychiatric Nursing

Module outcomes:
After completion of the module, the student should be able to:
- show a broad conceptual and theoretical framework regarding psychiatric nursing as well as demonstrate knowledge of general acute psychiatric disorders, so that it forms the starting point according to which the student can facilitate the promotion, maintenance and restoration of her own mental health as well as the mental health of the patient.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VPEP471**	**Semester 1 & 2**	**NQF-level: 8** **Credits: 28**

Title:	Psychiatric Nursing Science Practice

Module outcomes:
After completion of the module, the student should be able to :
- apply extensive psychiatric nursing for the mentally deranged and mentally retarded individual and groups in the hospital- and

• apply extensive psychiatric nursing to the individual, family and groups in the community in a professional and culturally sensitive way to promote, maintain and restore mental health.		
Method of delivery:	Full-time	
Method of assessment:	Practica 1 : 1	
Module code: **VPER421**	**Semester 2**	**NQF-level: 8** **Credits: 16**
Title:	Psychiatric Nursing Science Practice	
Module outcomes: After completion of the module, the student should be able to: • render extensive psychiatric nursing to the individual, family, group and community in a culturally sensitive manner; as well as show personal integration regarding a professional role in Psychiatric Nursing for the promotion, maintenance and restoration of mental health.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours 1 : 1	
Module code: **VPEV321**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Psychiatric Skills and Methods	
Module outcomes: After completion of the module, the student should be able to: • to internalize a broad conceptual and theoretical framework of the psychiatric nursing practice. • apply the therapeutic use of the self by using psychiatric nursing skills and methods as well as identify her/his role and function in the mental health team with the aim of promoting, maintaining and restoring wholeness for himself/herself as well as for the patient.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours 1 : 1	
Module code: **VPFB121**	**Semester 2**	**NQF-level: 5** **Credits: 16**
Title:	Basic Needs and Professional skills	
Module outcomes: After completion of the module, the student should be able to: • promote, maintain and restore health by providing the basic needs of patients within the community and in hospitals and apply principles of professional practice like legal, ethical and philosophical principles in the nursing practice.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours 1 : 1	
Module code: **VPFI111**	**Semester 1**	**NQF-level: 5** **Credits: 16**
Title:	Introduction to Fundamental Nursing Science	
Module outcomes: After completion of the module, the student should be able to: • After completion of the module the student should be able: to identify facilitating and impeding factors for wholeness in humans as whole persons in all age groups and cultures; to apply the scientific method of nursing and apply technology and intra- and interpersonal skills effectively to provide the basic needs of patients within a legal, ethical and philosophical framework.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours 1 : 1	
Module code: **VPFP171**	**Semester 1 & 2**	**NQF-level: 5** **Credits: 12**
Title:	Fundamental Nursing Science Practice	
Module outcomes: After exposure to the learning experience for Fundamental Nursing Practice, the student should be able to: • deliver high quality culturally sensitive nursing. The student will thus be able to promote, maintain and restore the health of the patient in the hospital/community as well as to assess the patient with		

reference to his/her basic needs, to plan and implement nursing and evaluate its affectivity within a legal, ethical and philosophical framework.		
Method of delivery:	Full-time	
Method of assessment:	Practica 1 : 1	
Module code: **VPGI111**	**Semester 1**	**NQF-level: 5** **Credits: 8**
Title:	Introduction to Community Nursing Science	
Module outcomes: After completion of the module, the student should be able to: • clear out the concepts of community nursing within the national and international development of extensive community health with specific reference to the South African context of diversity to render service as a member of a team according to the Batho Pele principles to the individual, family and groups within the community for promoting, maintaining and restoring health.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPGO221**	**Semester 2**	**NQF-level: 6** **Credits: 8**
Title:	Extensive Primary Healthcare	
Module outcomes: After completion of the module, the student should be able to: • function within a cultural and ethical framework as a full member of the multidisciplinary team in the rendering of extensive primary health services during the complete life cycle of individuals, families, groups and communities within a legal, ethical and philosophical framework. This skill implies planning and management of an extensive primary health organization service; identification of health determinants that indicate facilitating and impeding possibilities; and participation of health programme evaluation according to set indicators and criteria to ensure quality care in promoting, maintaining and restoring health of individuals, groups and community.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPGP171**	**Semester 1 & 2**	**NQF-level: 5** **Credits: 8**
Title:	Community Nursing Science Practice	
Module outcomes: After completion of the module, the student should be able to: • apply the principles of the scientific nursing process within a multidisciplinary team, to facilitate health information effectively and distinguish between the different services required to render an extensive service that is culturally congruent and reflects the Batho Pele principles within a legal, ethical and philosophical framework. This knowledge is acquired within the dynamics of changes in the community as result of various influences on health like ethical questions, cultural differences, economic influences and political processes.		
Method of delivery:	Full-time	
Method of assessment:	Pc Practica 1 : 1	
Module code: **VPGP271**	**Semester 1 & 2**	**NQF-level: 6** **Credits: 12**
Title:	Community Nursing Science Practice	
Module outcomes: After completion of the module, the student should be able to: • function within an extensive primary health care service in which all the components of such a service are addressed according to the national policy. There will be opportunity for participation in community assessment to promote health through a community development project		
Method of delivery:	Full-time	
Method of assessment:	Pc Practica 1 : 1	

Module code: VPGP372	Semester 1 & 2	NQF-level: 7 Credits: 8
Title:	Community- and Psychiatric Nursing Science Practice	

Module outcomes:
After completion of the module, the student should be able to:
- function within an extensive primary health care service as a full member of the multidisciplinary team, facilitate influences that have a facilitating as well as an impeding effect on people of all ages in rural as well as urban areas.
- after exposure to mental health services, be able to apply psychiatric skills to determine the needs in mental health and conduct a supporting interview with a patient; promote and maintain mental health in the community.

Method of delivery:	Full-time
Method of assessment:	Pc Practica 1 : 1

Module code: VPGR122	Semester 2	NQF-level: 5 Credits: 8
Title:	Community Nursing Science processes	

Module outcomes:
After completion of the module, the student should be able to:
- assess facilitating and impeding factors involved in individuals, families, groups and communities in a scientific manner and plan interventions by using various processes in community nursing to promote, maintain and restore health at community level intersectorally within a legal, ethical and philosophical framework.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 2 hours 1 : 1

Module code: VPGR211	Semester 1	NQF-level: 6 Credits: 8
Title:	Introduction to Primary Healthcare	

Module outcomes:
After completion of the module, the student should be able to:
- critically evaluate and give an overview on health care services in South Africa, with specific reference to primary health care;
- participate actively in community programmes and health services on the grounds of basic principles and components of primary health care within legal-, ethical- and socio-cultural frameworks;
- use the applied scientific approach to facilitate health promotion by giving consideration to ecological and preventative-, promotion- and rehabilitation dimensions, whilst providing the highest standard health care contributing to recovering of health in individuals, families and groups in the community;
- function as member of a health team, involved in community health, whilst demonstrating a conscious understanding of the role and function, responsibility and accountability as nursing professional in the discipline of community health and within the broader health system; and
- apply the scientific process of nursing in order to provide a cultural congruent primary health care service to the mother and child, from birth to adolescent.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 2 hours 1 : 1

Module code: VPGS311	Semester 1	NQF-level: 7 Credits: 8
Title:	Rural and Urban Community Health	

Module outcomes:
After completion of the module, the student should be able to:
- identify the environmental, economic, cultural, ethical, political and other influences that have a facilitating as well as impeding effect on health and welfare of people of all age groups in rural as well as urban areas
- implement ethical decision making within the cultural diversity of South Africa, to identify environmental influences on health and welfare and to promote, maintain and restore health by prevention and control of infectious, transmittable and serious endemic diseases in South Africa.

Method of delivery:	Full-time

Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPGW211**	**Semester 1**	**NQF-level: 6** **Credits: 8**
Title:	Health Promotion for Nursing Science	
Module outcomes: After completion of the module, the student should be able to understand the following: • conceptual framework and theoretical models within health promotion; • international and national events on health promotion; • health risks and protection factors at individual, group and community level; • collaboration strategies, mechanisms and mediation within a multidisciplinary team and with other role-players in the community with reference to promotion of health; • availability of health and related services that can be used as resources; • policy stated at national level with reference to health promotion; • scientific approach applied to facilitate health promotion after the community profile was set up; • the role of community participation and community involvement within health promotion; • development of community projects; • behaviour change and health information; and • effective communication within the cultural spectrum to facilitate health promotion		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPLS371**	**Semester 1 & 2**	**NQF-level: 7** **Credits: 8**
Title:	Lifestyle Enrichment	
Module outcomes: After completion of the module, the student should be able to: • handle the world of nursing and as an adult student the demands that the career requires by developing interpersonal and communication skills. • show knowledge and skills regarding self-image, self assertion and effective communication. • These skills are also extended to effective assessment and support interviewing, health education, handling stress, handling crises and accompanying the dying. • demonstrate knowledge and skills regarding home stimulation programmes of the healthy and the mentally retarded individual. • This module promotes self-enrichment of the student with the objective of enriching the individual, family and community.		
Method of delivery:	Full-time	
Method of assessment:	Practica / Only attendance	
Module code: **VPLS471**	**Semester 1 & 2**	**NQF-level: 8** **Credits: 8**
Title:	Psychiatric and Nursing Science skills and methods	
Module outcomes: After completion of the module, the student should be able to: • promote, maintain and restore mental health of the individual and family as part of the community, by using psychiatric nursing skills and methods. • also strive for an increase in personal and professional self-knowledge thereby facilitating his/her own as well as the patient's pursuit of wholeness.		
Method of delivery:	Full-time	
Method of assessment:	Pc Practica / Only attendance	
Module code: **VPNN323**	**Semester 2**	**NQF-level: 7** **Credits: 8**
Title:	Introduction to Nursing Research	
Module outcomes: After completion of the module, the student should be able to: • manage the research process and related concepts		
Method of delivery:	Full-time	

Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPNN411**	**Semester 1**	**NQF-level: 8** **Credits: 8**
Title:	Methodology of Nursing Research	
Module outcomes: After completion of the module, the student should be able to: • plan health related research of a high ethical standard in order to promote service delivery to individuals, families and communities and to expand professional knowledge.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPNP471**	**Semester 1 & 2**	**NQF-level: 8** **Credits: 8**
Title:	Nursing Research Project	
Module outcomes: After completion of the module, the student should be able to: • do a health related research project by planning the project, data collection and analysis, making recommendations for the improvement of nursing practice and expansion of the scientific knowledge base as well as reporting by publication of articles and delivering a possible congress paper		
Method of delivery:	Full-time	
Method of assessment:	Practica 1:	
Module code: **VPPF411**	**Semester 1**	**NQF-level: 8** **Credits: 8**
Title:	Legislation and Professional Practice	
Module outcomes: After completion of the module, the student should be able to: • realize as a practicing professional nurse, a Christian life and world view and to accept within the legal-ethical framework professional responsibility in practice and show a pursuit of professional and personal growth and health. • facilitate within the relevant cultural contexts, health by patients, colleagues and subordinates.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPVA412**	**Semester 1**	**NQF-level: 8** **Credits: 16**
Title:	Complicated Midwifery	
Module outcomes: After completion of the module, the student should be able to: • apply knowledge of the pathology and clinical pictures of deviations and complications that may occur during childbirth regarding the neonate, as well as knowledge of the relevant pharmacology, to the nursing of the patient with complicated childbirth and high-risk neonates. • recognize genetic deviations and support the family psychologically as well as should be able to manage a practice unit as independent midwife/accouter within the broad health framework and within the legal–ethical framework.		
Method of delivery:	Full-time	
Method of assessment:	Pc 2 x 2 hours 1 : 1	
Module code: **VPVB321**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	Normal childbirth and complicated pregnancy	
Module outcomes: After completion of the module, the student should be able to: • apply knowledge of the physiological changes during childbirth, maternal and fetal welfare as well as promotion of childbirth and dealing with pain to the scientific nursing of the patient during childbirth. • apply knowledge of pathology and clinical pictures of complications that may occur during pregnancy to the scientific nursing of the pregnant woman with complications as well as to apply knowledge of relevant pharmacology and the South African Nursing Council Regulation.		

Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours 1 : 1	
Module code: **VPVI222**	**Semester 2**	**NQF-level: 6** **Credits: 8**
Title:	Introductory Midwifery and normal pregnancy	

Module outcomes:

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

- demonstrate knowledge of fundamental terms and principles of Midwifery; explain the role of the midwife in the multidisciplinary team and integrate the relevant SANC regulations for safe practice.
- apply knowledge of the anatomic, physiological and psychological changes during pregnancy, as well as the knowledge of the development and physiology of the fetus to the scientific nursing of the pregnant patient and her fetus.

Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPVN311**	**Semester 1**	**NQF-level: 7** **Credits: 8**
Title:	Normal neonate, puerpurium and parenthood	

Module outcomes:

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

- apply knowledge of the physiological changes after birth as well as the physiological and psychological properties and needs of the neonate to the scientific nursing of the neonate within the framework of the relevant South African Nursing Council Regulations.
- apply knowledge of the anatomy, physiology and psychological changes during the puerperium to the scientific nursing of the patient during the normal and abnormal puerperium; apply the principles of health information in giving information on parenthood in individuals and groups.

Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **VPVP372**	**Semester 1 & 2**	**NQF-level: 7** **Credits: 18**
Title:	Midwifery Practice I	

Module outcomes:

After exposure to practice experience the student should be able to:

- give health information to individuals and groups regarding pregnancy, childbirth and parenthood.
- nurse the pregnant patient and her fetus the patient during normal childbirth and puerperium scientifically, individually and holistically within the legal framework as well as to apply the technology applicable to Obstetric Nursing in a suitable way.

Method of delivery:	Full-time	
Method of assessment:	Pc Practica 1 : 1	
Module code: **VPVP472**	**Semester 1 & 2**	**NQF-level: 8** **Credits: 32**
Title:	Midwifery Practice II	

Module outcomes:

After exposure to practice experience the student should be able to:

- nurse scientifically, individually and as a whole person the patient with complications during childbirth and puerperium as well as the high-risk neonates within the legal framework.
- apply obstetric emergency actions and manage a unit of practice within the broad health framework within the legal framework.

Method of delivery:	Full-time
Method of assessment:	Pc Practica 1 : 1

Module code: VPWB211	Semester 1	NQF-level: 6 Credits: 16
Title:	Impaired Health Status and Minor disorders	

Module outcomes:
After completion of the module, the student should be able to:
- promote, maintain and restore health by quality nursing within the legal, ethical and cultural framework according to the scientific approach of nursing as focused on impaired health status of the individual, family and community- and
- use problem-solving and critical analytical skills in assessing and diagnosing minor disorders in the patient and also plan, implement and evaluate nursing accordingly.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: VPWG221	Semester 2	NQF-level: 6 Credits: 16
Title:	Minor disorders	

Module outcomes:
After completion of the module, the student should be able to:
- render nursing within a culturally sensitive, ethical and legal framework to the individual, family and community with infectious and transmittable diseases.
- use problem solving and critical analytical skills in assessing and diagnosing minor disorders in the patient as well as plan, implement and evaluate nursing for it.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: VPWP271	Semester 1 & 2	NQF-level: 6 Credits: 16
Title:	Minor disorders in practice	

Module outcomes:
After completion of the module, the student should be able to:
- render quality culturally sensitive nursing to promote, maintain and restore the health of a patient with minor disorder in the hospital/community.
- assess the patient, plan, implement and evaluate nursing regarding the minor disorders of all body systems.

Method of delivery:	Full-time
Method of assessment:	Pc Practica 1 : 1

Module code: VPXP371	Semester 1 & 2	NQF-level: 7 Credits: 16
Title:	Specialization Nursing Science Practice	

Module outcomes:
After exposure to the planned learning experience, specialization nursing practice, the student should be able to:
- assess the patient with a medical or surgical condition in the tertiary health service facility.
- plan, implement and evaluate high quality, culturally sensitive nursing in order to promote, maintain and restore health in the patient with chronic and acute conditions of all the body systems.

Method of delivery:	Full-time
Method of assessment:	Pc Practica 1 : 1

Module code: VPXS311	Semester 1	NQF-level: 7 Credits: 16
Title:	Specialization Nursing Science	

Module outcomes:
After completion of the module, the student should be able to:
- as a member of multi-professional team, render promotion, maintenance and restoration, culturally sensitive nursing within a legal-ethical framework to the individual in tertiary health facilities.
- implement the scientific method of nursing within the framework of the nursing theory w.r.t human

completeness as applied to specialized medical and surgical conditions on the following body systems: Otorhinolaryngology; Respiratory; Cardiovascular; Haemapoietic; Digestion; Endocrinology; Metabolic; and to render intra-operative nursing in the operation theatre.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VPXS321**	**Semester 2**	**NQF-level: 7** **Credits: 16**

Title:	Specialization Nursing Science

Module outcomes:

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

- render (as a member of the multi-professional team) culturally sensitive nursing within a legal-ethical framework to individuals in tertiary health facilities.
- implement the scientific method of nursing within the framework of the nursing theory w.r.t human completeness as applicable to specialized medical and surgical conditions on the following body systems: Genito-urinary; Musculo-skeletal; Neurology; Ophthalmology; and Dermatology.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 3 hours 1 : 1

Module code: **VVBG 211**	**Semester 1**	**NQF level: 6** **Credits: 12**

Title:	Introduction to Consumer Behaviour

Module outcomes:

Module outcomes: Upon successful completion of this module, the student should be able to demonstrate:

- a detailed knowledge and understanding of what consumer behaviour entails and how it applies and relates to fields within consumer sciences, as well as be able to evaluate, discuss and practically apply the various influencing factors and elements concerning consumer decision making by solving given problems;
- an understanding of the importance of consumerism and associated aspects within the South African context, as well as be able to select, implement and manage strategies to optimise consumer behaviour in different given contexts;
- actions in accordance with knowledge and insight gained about the ethical and professional role and purpose of a consumer scientist, specifically towards consumers; and
- research skills such as consultation of the internet and news articles relating to consumer behaviour; analysis of various information sources in order to determine and compare the relevance thereof with a view to complete specific literature assignments; correct referencing of sources; and communicating the results of such research in a reliable, accurate and coherent manner to the relevant audience.

Method of delivery:	Full-time

Method of assessment:

- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: **VVBG 311**	**Semester 1**	**NQF-level: 7** **Credits: 16**

Title:	Consumer decision-making

Module outcomes:

Module outcomes: Upon successful completion of this module, the student should be able to demonstrate:

- an integrated knowledge and understanding of the diversity of consumers' decision making, as well as the related aspects involved in the consumers' decision making process and the effect of globalisation and technology on the consumer and be able to demonstrate an ability to solve related given problems;
- an ability to evaluate, select and integrate relevant information regarding consumer behaviour from different sources of information, and correctly apply it by advising consumers in an ethical and professional manner within various relating fields within consumer sciences; and
- the ability to do research by means of consulting various relevant information sources relating to consumer behaviour; analyse, compare and integrate the relevant information into assignments and be able to reference said information correctly as well as communicate the results of such research in a reliable, accurate and coherent manner to the relevant audience.

Method of delivery:	Full-time	
Method of assessment: • A written evaluation is done and a minimum of 40% is required to pass the evaluation. • The module mark is computed from the formative and summative assessment in a ratio of 1:1. • A minimum of 50% is required to pass the module		
Module code: **VVBG 321**	**Semester 2**	**NQF-level: 7** **Credits: 16**
Title:	The South African Consumer	
Module outcomes: Module outcomes: Upon successful completion of this module, the student should be able to demonstrate: • integrated knowledge of and engagement with the theory particular to consumer behaviour in South Africa, and the ability to apply this knowledge in practice to enhance consumer well-being; • an understanding of the internal and external factors influencing consumer decision-making and to evaluate these factors within any given consumer decision-making process within the South African context; • an ability to act as a consumer scientist, analysing and addressing problems based on typical consumer behaviour scenarios drawing on the complex South African consumer market; • an ability to review information gathered from a variety of sources, evaluate and manage this information to develop creative responses to problems and issues pertinent to South African consumers and to present and communicate these responses effectively in an academic, professional manner; • an ability to operate effectively as a consumer scientist by researching and managing South African consumers and the different consumer segments within a system based on an understanding of consumer behaviour and the roles and relationships between the consumer and its internal and external environments, including consumer rights in South Africa.		
Method of delivery:	Full-time	
Method of assessment: • A written evaluation is done and a minimum of 40% is required to pass the evaluation. • The module mark is computed from the formative and summative assessment in a ratio of 1:1. • A minimum of 50% is required to pass the module.		
Module code: **VVDB313**	**Semester 1**	**NQF-level: 7** **Credits: 16**
Title:	Food Service Management: Systems and large scale production	
Module outcomes: After completion of the module, the student should be able to: • from an ethical value system demonstrate sound knowledge and practical skills, as individual or as member of a team, with regard to food provision as a critical element in the transformation process, taking the following into consideration: availability of food, distribution of meals, reception and production. • Identify, analyze and evaluate situations and problems with regard to control, transformation, outputs, inputs and environmental aspects in the FSM, and integrate and present proposals or solutions in report format; and • collect, evaluate and communicate scientific information in a group by means of well structured arguments with an awareness of client needs and cultural background, and integrate such information in the compilation and implementation of menus for healthy and ill persons.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 3 hours 1 : 1	
Module code: **VVDB324**	**Semester 2**	**NQF-level: 7** **Credits: 12**
Title:	Food Service Management: Management aspects	
Module outcomes: After completion of the module, the student should be able to: • as individual or as member of a team from an ethical value system demonstrate sound knowledge and practical skills, with regard to management and leadership as critical elements of the transformation process; • Identify, analyze and evaluate real life situations and problems with regard to the management of		

human resources, productivity and the budget process, work performance and financial management in the FSM, and present proposals or solutions to the effect; and
- collect, evaluate and integrate scientific information by means of applicable IT equipment into a report, conformed to the format requirements and conventions of the discipline, and communicate it verbally to an audience.

Method of delivery:	Full-time

Module code: **VVDL112**	**Semester 1**	**NQF-level: 5** **Credits: 12**

Title:	Food

Module outcomes:

After completion of the module, the student should be able to:
- demonstrate a fundamental knowledge and comprehension of the food industry and the food retail business, as well as an understanding of the role of the consumer scientist and dietician in the industry;
- demonstrate a fundamental knowledge and understanding of basic food composition and processing and preservation including additives, food safety and security, and the basic principles of the procedures that are necessary to ensure food safety and security, the effects of faith and food anthropology on food choices, the essence of national and international influences on cuisine, trends and food styling;
- apply practical problem-solving skills to food processing, food safety and sanitation by analyzing the essence of relevant food legislation, and communicate it to the consumer;
- operate effectively as an individual and in groups and be able to use the library and Internet to access information around a basic comprehension of food anthropology, and faith on food consumption and eating patterns; a variety of national and international cuisine, and its influence on the South African consumers and cuisine, as well as to analyze and demonstrate the development of food processing and food safety systems; and
- act professionally according to ethical values with regard to food training and information programmes, and always to bear in mind the best interests of the consumer's cultural and religious convictions

Method of delivery:	Full-time

Method of assessment:
- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: **VVDL123**	**Semester 2**	**NQF-level: 5** **Credits: 12**

Title:	Vegetable food groups and systems

Module outcomes:

After completion of the module, the student should be able to:
- demonstrate a fundamental knowledge of vegetable food groups and systems (grains, fruit, vegetables, tubers, pulses, oil seeds, food analogues and drinks), its composition (physical, structural and chemical), and the changes that take place during processing and preparing; as well as fundamental knowledge concerning functional food, and the advantages and labelling thereof;
- apply the basic knowledge that was acquired in the introductory food module to vegetable food, and to apply these principles practically in the laboratory; as well as to practically apply knowledge about vegetable food principles practically in recipe and product development that will be learnt in the third year;
- operate effectively as an individual and in groups to apply practically the basic scientific properties of plant products (e.g. enzymatic reactions and oxidation) in experimental work and assignments with the aid of sources from the library and the Internet;
- evaluate, by way of case studies, practical problems with vegetable and functional food, and to communicate, by way of a report, advice to consumers and employers in the retail, hospitality and private sector; and
- evaluate problem situations and ethical issues regarding vegetable food groups and systems and functional food, and to make recommendations to the consumer.

Method of delivery:	Full-time

Method of assessment:
- A written evaluation is done and a minimum of 40% is required to pass the evaluation.

- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: VVDL213	Semester 1	NQF-level: 6 Credits: 16
Title:	Animal food groups and systems	

Module outcomes:

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

- demonstrate a sound knowledge of animal food groups and systems (red meat, poultry meat, fish, shellfish, dairy products, gelatine, eggs and food analogues), baked products, its composition (physical, structural and chemical) and the changes that take place during processing and preparation; also have a sound knowledge of convenience food and genetically manipulated (GM) food;
- apply the basic knowledge that was acquired about food systems, grains and sugars in the first year to the new principles and food systems in this module; also to know the principles of animal food groups and systems, so that these may be practically applied during the third year in recipe and product development;
- Operate effectively as an individual and in groups to apply practically the advanced scientific properties of animal food (e.g. denaturing, coagulation and gelling) in experimental work and assignments with the aid of sources from the library and the Internet.
- be able to evaluate the quality of animal and baked products and state what factors may influence quality;
- evaluate, by way of case studies, practical problems with animal food principles, baked products, convenience food and GM food and to communicate, by way of a report, advice to consumers and employers in the retail, hospitality and private sector; and
- evaluate problem situations and ethical issues regarding animal food groups and systems, convenience food and GM food, and to make recommendations to the consumer.

Method of delivery:	Full-time

Method of assessment:

- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.
- A minimum of 50% is required to pass the module.

Module code: VVDL324	Semester 2	NQF-level: 7 Credits: 16
Title:	New food product development processes	

Module outcomes:

After completion of the modu-le, the student should be able to:

- reflect a well-rounded and systematic knowledge of food retail and marketing of food products, and its uniqueness in the food industry;
- practically apply factors that lead to success in the retail trade within the retail environment by analyzing the role of food within the retail set-up;
- understand the retail trade, product range and depth, the role of shop layout and the role of price structure, food packaging and marketing in the food chain;
- practically apply problem-solving skills to improve the position of food within the retail environment, to analyze the product development processes and communicate results in writing;
- reflect a well-rounded and systematic knowledge of: food products in the retail as well as the different new product categories; the utilization of different sources for new product ideas; utilization of the different role players in the new product development process, the integration of the different processes and stages and the different quality control aspects in the new food product development process as well as the recipe to formula translation;
- explain and evaluate the feasibility of a new food product, integrate the different role players in the new product development process and evaluate the product development processes and the role of sensory evaluation in the food product development process; and
- act professionally according to ethical values within the production and retail environment in the best interest of the industry and the consumers to be served

Method of delivery:	Full-time

Method of assessment:

- A written evaluation is done and a minimum of 40% is required to pass the evaluation.
- The module mark is computed from the formative and summative assessment in a ratio of 1:1.

- A minimum of 50% is required to pass the module.

Module code: **WVES311**	**Semester 1**	**NQF-level: 7** **Credits: 12**
Title:	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate fundamental knowledge on the contents of prescribed text;
- analyze and interpret prescribed text correctly;
- evaluate and/or apply the contents of prescribed text;
- write a synthetically report on the analysis, evaluation and application of prescribed text.

Method of delivery:	Full-time
Method of assessment:	

Module code: **WVGW221**	**Semester 2**	**NQF-level: 6** **Credits: 12**
Title:	Know and understand the world of health	

Module outcomes:
After completion of the module, the student should be able to:
- Plan a transdisciplinary health promotion project by using a case study.
- Understand the functioning of a transdisciplinary team across multi-sectoral boundaries resulting in health development and human capacity building;
- Reflect a fundamental knowledge base of a selection of world views and ideologies and demonstrate their critical understanding through an ability to compare the nature and function as well as different contemporary manifestations of these world views and ideologies;
- Demonstrate knowledge of health and distinguish between fortigen and pathogen paradigms on a meta-theoretical, theoretical and empirical data level, thus realizing the complementary value of these approaches to health;
- Demonstrate a basic understanding of the health services in South Africa, with international influences taken into consideration;
- Demonstrate an awareness of health trends and determinants, including internal and external risk factors of individuals, groups and communities.

Method of delivery:	Full-time
Method of assessment:	Pc 1 x 2 hours 1 : 1

Module code: **WVLS314**	**Semester 1**	**NQF-level: 7** **Credits: 12**
Title:	Man and society: critical perspectives on continuity and change/transformation	

Module outcomes:
After completion of the module, the student should be able to:
- reflect a sound and systematic knowledge of the most important foundational issues in the relevant field of study and demonstrate critical understanding of the meta-theoretical assumptions underscoring foundational issues;
- demonstrate the ability to analyze, synthesize and critique the assumptions on which a chosen theme or issue is based, formulate a personal opinion about the theme or issue that gives evidence of a personal coherent world view, and communicate the findings in a presentation making use of applicable technology, as well as in an evidence-based report written in a typically academic format.

Method of delivery:	Full-time en Part time
Method of assessment:	Tests and assignments — weight: 50% Semester examination **1X2 hours** — weight 50%

Module code: **WVNS211**	**Semester 1**	**NQF-level: 6** **Credits: 12**
Title:	Understand the natural world	

Module outcomes:
After completion of the module, the student should be able to:
- demonstrate a fundamental knowledge base of a selection of world philosophies and ideologies and

an ability to compare the nature and function of these views as historically developed from science in the classic and post modern era. • Understand the interrelatedness between norms and science, and the influence of science and techonology on the spiritual, cultural and material ideologies of humans, the community and their environment. • Understand, discuss and explain the contours surrounding the development of science in the context of values in world views.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	
Module code: **WVPS311 (G412P phasing out)** **WVPS321 (G413P)**	**Semester 1 / 2**	**NQF-level: 7** **Credits: 12**
Title:	Professional ethics for the Pharmacist	
Module outcomes: After completion of the module, the student should be able to: • demonstrate a fundamental knowledge on the theoretical approach on ethics; • demonstrate a clear concept of ethics as multi-disciplinary discipline; • understand the principles of medical ethics with specific reference to the role of pharmacists; • formulate an opinion with regard to current challenges; • analyse challenges and practical problems and recommend suitable solutions; • demonstrate a complete understanding of responsibilities to one self, colleagues, patients and the environment.		
Method of delivery:	Full-time	
Method of assessment:	Pc 1 x 2 hours 1 : 1	

G.16 MODULE OUTCOMES OF BACCALAUREUS CURATIONIS (EDUCATIONIS ET ADMINISTRATIONIS) - TELEMATIC MODULES

BSKP311:ORGANISATIONAL PSYCHOLOGY

TL 1 x 3 hours 40 : 60

On completion of the module the learner must know and understand the research, theories, and approaches regarding organizational behaviour, stress, motivation, job satisfaction, leadership, group behaviour, organizational politics, conflict, decision-making, communication and organizational design; develop sensitivity for individual, group and organizational problems on national and international level and develop flexibility regarding the management thereof; apply skills to diagnose individual, group and organizational 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 organizational culture, organizational climate and organizational development; Know and understand the competencies of an organizational development consultant and apply skills to diagnose problems and opportunities, and refer/facilitate/consult individuals and groups to solve problems and/or to utilize opportunities; Identify changes impacting on the work context and know and understand the management of change; Know and understand organizational diagnosis as a part of organizational development and apply techniques to diagnose problems and opportunities in organizations; know and understand elementary organizational development interventions that could be used to solve problems or capitalize on opportunities and apply skills to develop and implement and evaluate these interventions in the work place.

BSKT111:INTRODUCTION TO PSYCHOLOGY IN WORK CONTEXT

TL 1 x 3 hours 40 : 60

On completion of the module the student must know and understand differences in individual behaviour and criteria that can be used to classify individual differences; know and understand the impact of stereotypes, prejudice and assimilation in a diverse workplace; motivate the value of a diversified workforce that mirrors the population and evaluate different programmes to manage diversity; know and understand the nature and importance of a safe and healthy work environment, and one that enhances the quality of work life of workers in organizations; show insight the safety, health and quality of work life problems are experienced by workers; know and understand the ways in which organizations should go about ensuring and maintaining a safe and healthy work environment, and one that is conducive to the improvement of the quality of work life of workers.

BSKT221:PERSONNEL PSYCHOLOGY

TL 1 x 3 hours 40 : 60

On completion of the module the student must know and understand the nature, value and functions of human resource management and its challenges; demonstrate knowledge of and insight into job analysis, human resource planning, recruitment, selection, compensation, performance management, induction, training and development and apply skills to develop these programmes in work context; show knowledge of and insight into the importance of a safe and healthy work environment and one that enhances the quality of the work life of workers; apply knowledge and skills to compile human resource management programmes.

BSOT221:OCCUPATIONAL SOCIOLOGY

TL 1 x 3 hours 40 : 60

Know and understand the challenges in occupation, motivation to work, conflict between occupations, role theory and know how an organization structure could influence the business. Demonstrate knowledge and understanding of mobility, stratification and the working of the organization on different levels. Know and understand socio-demographic and economic trends which could affect work site health and safety.

BSOT321:LABOUR RELATIONS

TL 1 x 3 hours 40 : 60

On completion of the module the learner must: demonstrate knowledge and understanding of concepts, modalities regulating labour relations, tripartite relationship, industrial democracy, participation and representation, development of industrial relations in South Africa, legislation, trade unions, collective bargaining and how it influences the work environment; Know and understand the mechanics and dynamics of strikes, reasons for strikes, primary enterprise- level procedures, work representation at enterprise level through workplace forums and future industrial relations development; Apply skills to ensure effective labour relations.

NSDT111:HEALTH SCIENCE DYNAMICS

TL 1 x 3 hours 40 : 60

After studying this module the student should be able to 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; and 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.

NSET111: HEALTH SCIENCE EDUCATION : INTRODUCTION

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to 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; motivate the imperativeness of effective education and achieving positive teaching outcomes.

NSET211: CURRICULUM STUDIES

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to demonstrate knowledge, skills and attitude regarding SAQA/NQF/OBE; the skills development act; outcomes based education; outcomes based education and the curriculum; study guide development and lesson plans; outcomes based learning and the learning accompanist; outcomes based learning and the adult student.

NSET221: DIDACTICS

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to 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).

NSET271: HEALTH SCIENCE EDUCATION : PRACTICA

(Successful attendance)

On completion of this module the student should be able to demonstrate confidence in the planning of learning opportunities; utilize various teaching strategies; create a context conducive to learning; evaluate learning; write a report on nursing school administration.

NSET311: THEORETICAL AND PHILOSOPHICAL FOUNDATIONS

TL 1 x 3 hours 40 : 60

On completion of this module the learner should be able to demonstrate knowledge; skills and attitude regarding the: influence of philosophy on health science education; philosophical trends (constructivism, critical reflection and cognition); flexibility in learning and teaching (open and distance learning, telematic learning, cooperative learning, tutorials).

NSET321: CONTEMPORARY ISSUES

TL 1 x 3 hours 40 : 60

On completion of this module the learner should be able to demonstrate knowledge, skills and attitude regarding the: comparative systems in education; continuing education (professional development, entrepreneurial skills); teaching portfolio; management aspects in health science education(quality control); human resources; performance management.

NSFT121: FINANCIAL HEALTH MANAGEMENT

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to discuss cost and financial management in health services; understand the cost elements in health care services; understand planning and budgeting in health services; understand cost control and decision making.

NSGT121:SOCIOLOGY: INTRODUCTION B

TL 1 x 3 hours 40 : 60

Students who have completed this module will be able to define the term *deviance* in a scientifically correct manner and discuss the main sociological perspectives' analysis of deviant behaviour critically; analyze dispersed and convergent forms of collective behaviour sociologically; explain social movements and its relationship to social change; and apply sociological knowledge as far as health and the health care system are concerned.

NSMT211: UNIT/CLINIC MANAGEMENT

TL 1 x 3 hours 40 : 60

After studying this module, the student should be able to 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; formulate a disaster and emergency plan for the nursing unit.

NSMT221: HUMAN RESOURCES MANAGEMENT

TL 1 x 3 hours 40 : 60

After studying this module the student should be able to discuss the principles of quality improvement; apply the process of quality improvement; implement a quality improvement programme in the health service; formulate and apply total quality management in the health service; apply risk management and case management and implement information systems in the management of the health organization.

NSMT271: HEALTH SERVICE MANAGEMENT PRACTICA

(Successful attendance)

On completion of this module the student should be able to 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; discuss the role of the Health Service Manager in the clinic/hospital/unit with regard to the finances and personnel/staff.

NSMT311: STRATEGIC MANAGEMENT

TL 1 x 3 hours 40 : 60

On the completion of this module the learner should be able to apply strategic management by giving attention to the nature and value of strategic management, strategy formulation and strategy implementation. This will be achieved by: understanding the nature and value of strategic management; formulating and implementing a strategy through action plan, functional tactics and employee empowerment.

NSMT321: CONTEMPORARY ISSUES

TL 1 x 3 hours 40 : 60

On completion of this module the learner should be able to debate the various roles of the nurse manager, i.e. the nurse manager as negotiator, the nurse manager as consultant and the nurse manager as project manager. This will be achieved by: understanding the nature and process of negotiation; understanding the consultation process and applying it to individuals, groups and the community; understanding and applying the principles and process of project management and; understanding the benefits of networking and the development of personal and professional networks.

NSRT121: HEALTH SCIENCE RESEARCH

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to appreciate the meaning and usefulness of Health Science Research; demonstrate a proficiency in utilizing the correct methodology for each type of research; complete the research process with confidence and utilize research results in the health practice.

OBAD112: INTRODUCTION TO PUBLIC MANAGEMENT

TL 1 x 3 hours 40 : 60

A student will be able to understand public management and administration as a discipline; public policy and legislative framework for implementation, achieving sustainable development: the role of local government.

VWTL311: PHILOSOPHY OF SCIENCE

TL 1 x 2 hours 40 : 60

On completion of this module the learner should be able to demonstrate that he/she understands the status of Nursing as discipline in the world of sciences; identify and discuss the prominent philosophies points regarding the foundational questions in Nursing as science; to evaluate these questions from his/her own framework of reference; identify the basic issues in the contemporary debate regarding science and faith and apply it in Nursing; evaluate the ethical consequences of his/her scientific and professional conduct from an own and Christian value orientation.

File refernce: 7P/7.2.5/P_FHS