

CALENDAR 2009

FACULTY OF HEALTH SCIENCES
POSTGRADUATE PROGRAMMES

Potchefstroom Campus

Correspondence may be conducted in either Afrikaans or English.

Direct all correspondence to
The Campus Registrar (Ms Dorothy August)
Potchefstroom Campus
North-West University
Private Bag X6001
POTCHEFSTROOM
2520

Tel: (018) 299-2605
Fax: (018) 299-2603

Internet: <http://www.nwu.ac.za>

YOUR UNIVERSITY NUMBER SHOULD BE STATED IN ALL CORRESPONDENCE.

The General Academic Rules of the University with which all students must comply and which are applicable to all qualifications that are presented by the University are published in a separate publication and are also available on the web page.

Please note that, due to specific capacity provisions, the University reserves the right to select candidates for admission for particular study fields. As a result, prospective students who meet the minimum requirements will not necessarily be admitted to the relevant courses.

Please Note: Although the information in this Calendar is compiled as accurately as possible, the Council and Senate of the University do not accept any responsibility for any inaccuracies that may occur in it. In particular it remains every student's responsibility to make absolutely sure of the class timetable and possible clashes on the timetable before deciding on the choice of modules. If a clash should occur in the proposed choice, the particular combination of modules is inadmissible.

WARNING AGAINST PLAGIARISM: Assignments are individual tasks and not group activities (unless explicitly indicated as group activities). For more details, see: <http://www.nwu.ac.za/beheer-bestuur/beleid-reels/index.html>

Contents

G.20	RULES FOR THE VARIOUS QUALIFICATIONS	1
G.20.1	AUTHORITY OF THE A RULES	1
G.20.2	FACULTY RULES	1
G.20.3	SCHOOLS, RESEARCH FOCUS AREAS AND SUBJECT GROUPS IN THE FACULTY OF HEALTH SCIENCES.....	1
G.20.4	QUALIFICATIONS, PROGRAMMES AND CURRICULA.....	2
G.20.5	MODULES AND CREDITS.....	8
G.20.6	RECOGNITION OF PREVIOUS STUDY	8
G.20.7	REGISTRATION	8
G.20.8	REGISTRATION FOR ADDITIONAL MODULES	8
G.20.9	EXAMINATION – HONOURS DEGREES	9
G.20.9.1	Examination opportunities	9
G.20.9.2	Composition of the participation mark	9
G.20.9.3	Admission to the examination	9
G.20.9.4	Module mark	9
G.20.9.5	Requirements for passing a module and a curriculum.....	9
G.20.9.6	Repeating of modules	9
G.20.9.7	Termination of study.....	9
G.20.10	EXAMINATION (ASSESSMENT) – HONOURS	10
G.20.10.1	Examination Opportunities	10
G.20.10.2	Participation mark	10
G.20.10.3	Admission to the examination	10
G.20.10.4	Module mark	10
G.20.10.5	Passing requirements for modules and the curriculum.....	10
G.20.10.6	Repeating modules	10
G.20.10.7	Termination of study.....	11
G.20.11	EXAMINATION – MASTER’S DEGREES.....	11
G.20.11.1	Appointment of examiners	11
G.20.11.2	Admission to the examination	11
G.20.11.3	Examination	11
G.20.11.4	Participation mark	11
G.20.11.5	Module mark/Result	11
G.20.11.6	Termination of the study.....	12

G.21	RULES FOR THE DEGREE HONOURS BACCALAUREUS ARTIUM.....	13
G.21.1	DURATION OF THE STUDY	13
G.21.2	GENERAL ADMISSION REQUIREMENTS	13
G.21.3	PROGRAMME: HUMAN MOVEMENT SCIENCE.....	13
G.21.3.1	SPECIFIC ADMISSION REQUIREMENTS	13
G.21.3.2	CURRICULUM: KINDERKINETICS.....	13
G.21.3.2.1	Curriculum outcomes	13
G.21.3.2.2	Articulation and exit point.....	13
G.21.3.2.3	CURRICULUM G601P: KINDERKINETICS.....	14
G.21.3.3	CURRICULUM: BOKINETICS	14
G.21.3.3.1	Curriculum outcomes	14
G.21.3.3.2	Articulation and exit point.....	14
G.21.3.3.3	CURRICULUM G602P: BOKINETICS	14
G.21.3.4	CURRICULUM: SPORT SCIENCE.....	14
G.21.3.4.1	Curriculum outcomes	14
G.21.3.4.2	Articulation and exit point.....	15
G.21.3.4.3	CURRICULUM G603P: SPORT SCIENCE	15
G.21.4	PROGRAMME: PSYCHOLOGY	15
G.21.4.1	SPECIFIC ADMISSION REQUIREMENTS	15
G.21.4.2	CURRICULUM: PSYCHOLOGY.....	15
G.21.4.2.1	Curriculum outcomes	15
G.21.4.2.2	Articulation and exit point.....	16
G.21.4.2.3	CURRICULUM G607P: PSYCHOLOGY.....	16
G.21.5	PROGRAMME: RECREATION SCIENCE	16
G.21.5.1	SPECIFIC ADMISSION REQUIREMENTS	16
G.21.5.2	CURRICULUM: RECREATION SCIENCE	16
G.21.5.2.1	Curriculum outcomes	16
G.21.5.2.2	Articulation and exit point.....	16
G.21.5.2.3	Other rules	17
G.21.5.2.4	CURRICULUM G605P: RECREATION SCIENCE	17
G.21.6	PROGRAMME: RECREATION SCIENCE AND TOURISM MANAGEMENT	17
G.21.6.1	SPECIFIC ADMISSION REQUIREMENTS	17
G.21.6.2	CURRICULUM: RECREATION SCIENCE AND TOURISM MANAGEMENT	17
G.21.6.2.1	Curriculum outcomes	17
G.21.6.2.1.1	Recreation programme	17
G.21.6.2.1.2	Tourism Marketing	17

G.21.6.2.1.3	Ecotourism	18
G.21.6.2.2	Articulation and exit points	18
G.21.6.2.3	Other rules	18
G.21.6.2.4	CURRICULUM: G606P: RECREATION SCIENCE AND TOURISM MANAGEMENT	18
G.21.7	EXAMINATION	18
G.22	RULES FOR THE DEGREE HONOURS BACCALAUREUS ARTIUM (SOCIAL WORK)	19
G.22.1	DURATION OF STUDY	19
G.22.2	GENERAL ADMISSION REQUIREMENTS	19
G.22.3	PROGRAMME: SOCIAL WORK	19
G.22.3.1	SPECIFIC ADMISSION REQUIREMENTS	20
G.22.3.2	CURRICULUM: SOCIAL WORK	20
G.22.3.2.1	Curriculum outcomes	20
G.22.3.2.2	Articulation and exit point	20
G.22.3.2.3	CURRICULUM: FULL-TIME G610P: SOCIAL WORK	21
G.22.3.2.4	CURRICULUM: PART-TIME G611P: SOCIAL WORK	21
G.22.4	EXAMINATION	21
G.23	RULES FOR THE DEGREE HONOURS BACCALAUREUS PHARMACIAE	22
G.23.1	DURATION	22
G.23.2	GENERAL ADMISSION REQUIREMENTS	22
G.23.3	PROGRAMME: PHARMACY	22
G.23.4	SPECIFIC ADMISSION REQUIREMENTS	22
G.23.4.1	CURRICULUM: COMMUNITY PHARMACY	23
G.23.4.1.1	Curriculum outcomes	23
G.23.4.1.2	Articulation	23
G.23.4.1.3	CURRICULUM G615T: COMMUNITY PHARMACY	23
G.23.4.2	CURRICULUM: HOSPITAL PHARMACY	24
G.23.4.2.1	Curriculum outcomes	24
G.23.4.2.2	Articulation	24
G.23.4.2.3	CURRICULUM G616T: HOSPITAL PHARMACY	25
G.23.5	EXAMINATION (ASSESSMENT)	25

G.24	RULES FOR THE DEGREE HONOURS BACCALAUREUS SCIENTIAE	26
G.24.1	DURATION OF THE STUDY	26
G.24.2	GENERAL ADMISSION REQUIREMENTS	26
G.24.3	PROGRAMME: HUMAN MOVEMENT SCIENCE.....	26
G.24.3.1	SPECIFIC ADMISSION REQUIREMENTS	26
G.24.3.2	CURRICULUM: KINDERKINETICS.....	26
G.24.3.2.1	Curriculum outcomes	26
G.24.3.2.2	Articulation and exit point.....	26
G.24.3.2.3	CURRICULUM G620P: KINDERKINETICS.....	27
G.24.3.3	CURRICULUM: BOKINETICS	27
G.24.3.3.1	Curriculum outcomes	27
G.24.3.3.2	Articulation and exit point.....	27
G.24.3.3.3	CURRICULUM G621P: BOKINETICS	27
G.24.3.4	CURRICULUM: SPORT SCIENCE.....	27
G.24.3.4.1	Curriculum outcomes	27
G.24.3.4.2	Articulation and exit point.....	28
G.24.3.4.3	CURRICULUM G622P: SPORT SCIENCE	28
G.24.4	PROGRAMME: PHYSIOLOGY	28
G.24.4.1	SPECIFIC ADMISSION REQUIREMENTS	28
G.24.4.1.1	Curriculum outcomes	28
G.24.4.1.2	Articulation and exit point.....	29
G.24.4.1.3	Other rules	29
G.24.4.1.4	CURRICULUM G623P: PHYSIOLOGY	29
G.24.5	PROGRAMME: NUTRITION	29
G.24.5.1	SPECIFIC ADMISSION REQUIREMENTS	29
G.24.5.1.1	Curriculum outcomes	30
G.24.5.1.2	Articulation and exit point.....	30
G.24.5.1.3	CURRICULUM G625P: NUTRITION	30
G.24.6	EXAMINATION	30
G.24.7	PROGRAMME: PSYCHOLOGY	30
G.24.7.1	SPECIFIC ADMISSION REQUIREMENTS	30
G.24.7.2	Curriculum outcomes	31
G.24.7.2.1	Articulation and exit point.....	31
G.24.7.2.2	CURRICULUM G626P: PSYCHOLOGY.....	31

G.25	RULES FOR THE DEGREE HONOURS BACCALAUREUS (CONSUMER SCIENCES).....	32
G.25.1	DURATION OF THE STUDY	32
G.25.2	GENERAL ADMISSION REQUIREMENTS	32
G.25.3	PROGRAMME: CONSUMER SCIENCES	32
G.25.3.1	SPECIFIC ADMISSION REQUIREMENTS	32
G.25.3.1.1	Curriculum outcomes	33
G.25.3.1.2	Articulation and exit point.....	33
G.25.3.1.3	Other rules	33
G.25.3.1.4	CURRICULUM G630P: CONSUMER SCIENCES	33
G.25.4	EXAMINATION	34
G.26	RULES FOR THE DEGREE HONOURS BACCALAUREUS SCIENTIAE (PHARMACOLOGY) – TELEMATIC.....	35
G.26.1	DURATION OF STUDY	35
G.26.2	GENERAL ADMISSION REQUIREMENTS	35
G.26.3	PROGRAMME: PHARMACOLOGY	35
G.26.3.1	SPECIFIC ADMISSION REQUIREMENTS	35
G.26.3.2	CURRICULUM: PHARMACOLOGY	36
G.26.3.2.1	Curriculum outcomes	36
G.26.3.2.2	Articulation	36
G.26.3.2.3	CURRICULUM G640T: PHARMACOLOGY	36
G.26.4	EXAMINATION (ASSESSMENT).....	37
G.27	RULES FOR THE DEGREE MAGISTER ARTIUM.....	38
G.27.1	RESEARCH FOCUS AREA	38
G.27.2	DURATION OF THE STUDY	38
G.27.3	GENERAL ADMISSION REQUIREMENTS	38
G.27.4	PROGRAMME: HUMAN MOVEMENT SCIENCE.....	38
G.27.4.1	SPECIFIC ADMISSION REQUIREMENTS	39
G.27.4.2	CURRICULUM: HUMAN MOVEMENT SCIENCE	39
G.27.4.2.1	Curriculum outcomes	39
G.27.4.2.2	Articulation and exit point.....	39
G.27.4.2.3	Other rules	39
G.27.4.2.4	CURRICULUM G801P: DISSERTATION	40
G.27.4.2.5	CURRICULUM G802P: KINDERKINETICS.....	40
G.27.4.2.6	CURRICULUM G806P: BOKINETICS	40

G.27.5	PROGRAMME: PSYCHOLOGY	40
G.27.5.1	SPECIFIC ADMISSION REQUIREMENTS	40
G.27.5.2	CURRICULUM: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM).....	41
G.27.5.2.1	Curriculum outcomes	41
G.27.5.2.2	Articulation and exit point.....	41
G.27.5.2.3	Other rules	41
G.27.5.2.4	Calculation of module mark.....	41
G.27.5.2.5	CURRICULUM G810P: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM).....	41
G.27.5.3	CURRICULUM: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM).....	41
G.27.5.3.1	Curriculum outcomes	41
G.27.5.3.2	Articulation and exit point.....	42
G.27.5.3.3	Other rules	42
G.27.5.3.4	Calculation of module mark.....	42
G.27.5.3.5	CURRICULUM G811P: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM).....	42
G.27.5.4	CURRICULUM: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM).....	42
G.27.5.4.1	Curriculum outcomes	42
G.27.5.4.2	Articulation and exit point.....	42
G.27.5.4.3	Other regulations.....	43
G.27.5.4.4	Calculation of module mark.....	43
G.27.5.4.4.1	CURRICULUM G813P: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM).....	43
G.27.6	PROGRAMME: RECREATION SCIENCE	43
G.27.6.1	SPECIFIC ADMISSION REQUIREMENTS	43
G.27.6.2	CURRICULUM: RECREATION SCIENCE	43
G.27.6.2.1	Curriculum outcomes	43
G.27.6.2.2	Articulation and exit point.....	43
G.27.6.2.3	Other rules	44
G.27.6.2.4	CURRICULUM G815P: RECREATION SCIENCE	44
G.27.7	EXAMINATION	44
G.28	RULES FOR THE DEGREE MAGISTER ARTIUM (SOCIAL WORK).....	45
G.28.1	RESEARCH FOCUS AREA	45
G.28.2	DURATION OF THE STUDY	45
G.28.3	GENERAL ADMISSION REQUIREMENTS	45
G.28.4	PROGRAMME: SOCIAL WORK.....	45

G.28.4.1	SPECIFIC ADMISSION REQUIREMENTS	46
G.28.4.2	CURRICULUM: SOCIAL WORK.....	46
G.28.4.2.1	Curriculum outcomes	46
G.28.4.2.1.1	Collective outcomes	46
G.28.4.2.1.2	Dissertation	47
G.28.4.2.1.3	Structured programmes	47
G.28.4.2.1.3.1	The generic programme.....	47
G.28.4.2.1.3.2	The forensic program	47
G.28.4.2.2	Articulation and exit point	47
G.28.4.2.3	Other rules	48
G.28.4.2.4	Calculation of module mark.....	48
G.28.4.2.5	CURRICULUM G820P: SOCIAL WORK (DISSERTATION)	48
G.28.4.2.6	CURRICULUM G823P: SOCIAL WORK IN FORENSIC PRACTICE	48
G.28.4.2.7	CURRICULUM G824P: SOCIAL WORK (COURSEWORK MA)	48
G.28.5	EXAMINATION	49
G.29	RULES FOR THE DEGREE MAGISTER CURATIONIS.....	50
G.29.1	RESEARCH FOCUS AREA, PROGRAMME AND EXPECTED OUTCOMES	50
G.29.2	DURATION OF THE STUDY	51
G.29.3	GENERAL ADMISSION REQUIREMENTS	51
G.29.4	PROGRAMME: RESEARCH MASTER'S DEGREE: (DISSERTATION)	51
G.29.4.1	SPECIFIC ADMISSION REQUIREMENTS	51
G.29.4.2	Articulation and exit point	52
G.29.4.3	Calculation of module mark.....	53
G.29.4.4	CURRICULUM: COMMUNITY NURSING	53
G.29.4.4.1	Curriculum outcomes	53
G.29.4.4.2	CURRICULUM G830P: COMMUNITY NURSING	53
G.29.4.5	CURRICULUM: HEALTH SERVICE MANAGEMENT	53
G.29.4.5.1	Curriculum outcomes	53
G.29.4.5.2	CURRICULUM G831P: HEALTH SERVICE MANAGEMENT	54
G.29.4.6	CURRICULUM: HEALTH SCIENCE EDUCATION.....	54
G.29.4.6.1	Curriculum outcomes	54
G.29.4.6.2	CURRICULUM G832P: HEALTH SCIENCE EDUCATION	54
G.29.4.7	CURRICULUM: PROFESSIONAL NURSING	54
G.29.4.7.1	Curriculum outcomes	54
G.29.4.7.2	CURRICULUM G833P: PROFESSIONAL NURSING	54
G.29.4.8	CURRICULUM: NURSING	54

G.29.4.8.1	Curriculum outcomes	54
G.29.4.8.2	CURRICULUM G836P: NURSING	54
G.29.5	PROGRAMME: COURSEWORK MASTER'S DEGREE (MINI- DISSERTATION)	55
G.29.5.1	SPECIFIC ADMISSION REQUIREMENTS	55
G.29.5.2	CURRICULUM: PSYCHIATRIC COMMUNITY NURSING	56
G.29.5.2.1	Curriculum outcomes	56
G.29.5.2.2	Articulation and exit points	57
G.29.5.2.3	Calculation of module mark.....	57
G.29.5.2.4	CURRICULUM G834P: PSYCHIATRIC NURSING	57
G.29.5.3	CURRICULUM: MIDWIFERY AND NEONATOLOGICAL NURSING.....	57
G.29.5.3.1	Curriculum outcomes	57
G.29.5.3.2	Articulation and exit points	58
G.29.5.3.3	CURRICULUM G835P: MIDWIFERY AND NEONATOLOGICAL NURSING.....	59
G.29.6	EXAMINATION	59
G.30	RULES FOR THE DEGREE MAGISTER PHARMACIAE.....	60
G.30.1	RESEARCH GROUP, PROGRAMME AND OBJECTIVE	60
G.30.2	DURATION OF THE STUDY	60
G.30.3	GENERAL ADMISSION REQUIREMENTS	60
G.30.4	PROGRAMME: PHARMACY	61
G.30.4.1	SPECIFIC ADMISSION REQUIREMENTS	61
G.30.4.2	CURRICULUM: PHARMACY PRACTICE	61
G.30.4.2.1	Curriculum outcomes	61
G.30.4.2.2	Articulation	61
G.30.4.2.3	CURRICULUM G840P: PHARMACY PRACTICE	61
G.30.4.3	CURRICULUM: COMMUNITY PHARMACY	62
G.30.4.3.1	Curriculum outcomes	62
G.30.4.3.2	Articulation	62
G.30.4.3.3	Other rules	62
G.30.4.3.4	CURRICULUM G841T: COMMUNITY PHARMACY	62
G.30.4.4	CURRICULUM: CLINICAL PHARMACY	63
G.30.4.4.1	Curriculum outcomes	63
G.30.4.4.2	Articulation	63
G.30.4.4.3	Other rules	63
G.30.4.4.4	CURRICULUM G842T: CLINICAL PHARMACY	63
G.30.4.5	CURRICULUM: HOSPITAL PHARMACY	64
G.30.4.5.1	Curriculum outcomes	64

G.30.4.5.2	Articulation	64
G.30.4.5.3	Other rules	64
G.30.4.5.4	CURRICULUM G843T: HOSPITAL PHARMACY	64
G.30.5	EXAMINATION	65
G.31	RULES FOR THE DEGREE MAGISTER SCIENTIAE	66
G.31.1	RESEARCH FOCUS AREAS AND PROGRAMMES	66
G.31.2	DURATION OF THE STUDY	66
G.31.2.1	GENERAL ADMISSION REQUIREMENTS	67
G.31.3	PROGRAMME: OCCUPATIONAL HYGIENE	67
G.31.3.1	SPECIFIC ADMISSION REQUIREMENTS	67
G.31.3.2	CURRICULUM: OCCUPATIONAL HYGIENE	67
G.31.3.2.1	Curriculum outcomes	67
G.31.3.2.2	Articulation and exit point	67
G.31.3.2.3	Other rules	68
G.31.3.2.4	Calculation of the module mark	68
G.31.3.2.5	CURRICULUM G851P: OCCUPATIONAL HYGIENE	68
G.31.4	PROGRAMME: DIETETICS	68
G.31.4.1	SPECIFIC ADMISSION REQUIREMENTS	68
G.31.4.2	CURRICULUM: DIETETICS	68
G.31.4.2.1	Curriculum outcomes	68
G.31.4.2.2	Articulation and exit point	69
G.31.4.2.3	Calculation of the module mark	69
G.31.4.2.4	CURRICULUM G851P: DIETETICS (MINI-DISSERTATION)	69
G.31.4.2.5	CURRICULUM G875P: DIETETICS (DISSERTATION)	69
G.31.5	PROGRAMME: PHARMACY	69
G.31.5.1	SPECIFIC ADMISSION REQUIREMENTS	70
G.31.5.2	Calculation of the module mark	70
G.31.5.3	CURRICULUM: PHARMACEUTICAL CHEMISTRY	70
G.31.5.3.1	Curriculum outcomes	70
G.31.5.3.2	Articulation	70
G.31.5.3.3	CURRICULUM G852P: PHARMACEUTICAL CHEMISTRY	70
G.31.5.4	CURRICULUM: PHARMACOLOGY	71
G.31.5.4.1	Curriculum outcomes	71
G.31.5.4.2	Articulation	71
G.31.5.4.3	CURRICULUM G853P: PHARMACOLOGY	71
G.31.5.5	CURRICULUM: PHARMACEUTICS	71
G.31.5.5.1	Curriculum outcomes	71

G.31.5.5.2	Articulation	71
G.31.5.5.3	CURRICULUM G854P: PHARMACEUTICS.....	71
G.31.6	PROGRAMME: PHYSIOLOGY	72
G.31.6.1	SPECIFIC ADMISSION REQUIREMENTS	72
G.31.6.2	CURRICULUM: PHYSIOLOGY	72
G.31.6.2.1	Curriculum outcomes	72
G.31.6.2.2	Articulation and exit point.....	72
G.31.6.2.3	Other rules	72
G.31.6.2.4	CURRICULUM G855P: PHYSIOLOGY	73
G.31.7	PROGRAMME: HUMAN MOVEMENT SCIENCE.....	73
G.31.7.1	SPECIFIC ADMISSION REQUIREMENTS	73
G.31.7.2	CURRICULUM: HUMAN MOVEMENT SCIENCE	73
G.31.7.2.1	Curriculum outcomes	73
G.31.7.2.2	Articulation and exit point.....	73
G.31.7.2.3	Other rules	73
G.31.7.2.4	CURRICULUM G856P: DISSERTATION	74
G.31.7.2.5	CURRICULUM G857P: KINDERKINETICS.....	74
G.31.7.2.6	CURRICULUM G861P: BIODYNAMICS	74
G.31.8	PROGRAMME: PSYCHOLOGY	74
G.31.8.1	SPECIFIC ADMISSION REQUIREMENTS	74
G.31.8.2	Calculation of the module mark.....	75
G.31.8.3	CURRICULUM: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM).....	75
G.31.8.3.1	Curriculum outcomes	75
G.31.8.3.2	Articulation and exit point.....	75
G.31.8.3.3	Other rules	75
G.31.8.3.4	CURRICULUM G865P: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM).....	75
G.31.8.4	CURRICULUM: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM).....	75
G.31.8.4.1	Curriculum outcomes	75
G.31.8.4.2	Articulation and exit point.....	76
G.31.8.4.3	Other rules	76
G.31.8.4.4	CURRICULUM G866P: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM).....	76
G.31.8.5	CURRICULUM: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM).....	76
G.31.8.5.1	Curriculum outcomes	76
G.31.8.5.2	Articulation and exit point.....	76
G.31.8.5.3	Other rules	76

G.31.8.5.4	CURRICULUM G868P: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM).....	77
G.31.9	PROGRAMME: NUTRITION	77
G.31.9.1	SPECIFIC ADMISSION REQUIREMENTS	77
G.31.9.2	CURRICULUM: NUTRITION	77
G.31.9.2.1	Curriculum outcomes	77
G.31.9.2.2	Articulation and exit point.....	77
G.31.9.2.3	Calculation of module mark.....	78
G.31.9.2.4	CURRICULUM G870P: NUTRITION	78
G.31.9.2.5	CURRICULUM G871P: NUTRITION	78
G.31.10	EXAMINATION	78
G.32	RULES FOR THE DEGREE MAGISTER CONSUMER SCIENCES.....	79
G.32.1	RESEARCH FOCUS AREA AND PROGRAMME	79
G.32.2	DURATION OF THE STUDY	79
G.32.3	GENERAL ADMISSION REQUIREMENTS	79
G.32.4	PROGRAMME: CONSUMER SCIENCES	79
G.32.4.1	SPECIFIC ADMISSION REQUIREMENTS	79
G.32.4.2	CURRICULUM: CONSUMER SCIENCES.....	80
G.32.4.2.1	Curriculum outcomes	80
G.32.4.2.2	Articulation and exit point.....	80
G.32.4.2.3	Other rules	80
G.32.4.2.4	CURRICULUM G880P: CONSUMER SCIENCES (DISSERTATION)	80
G.32.4.2.5	CURRICULUM G881P: CONSUMER SCIENCES (MINI- DISSERTATION)	80
G.32.5	EXAMINATION	81
G.33	RULES FOR THE DEGREE PHILOSOPHIAE DOCTOR	82
G.33.1	RESEARCH FOCUS AREA AND PROGRAMMES.....	82
G.33.2	DURATION OF THE STUDY	83
G.33.3	GENERAL ADMISSION REQUIREMENTS	83
G.33.4	PROGRAMME: OCCUPATIONAL HYGIENE.....	83
G.33.4.1	SPECIFIC ADMISSION REQUIREMENTS	84
G.33.4.2	CURRICULUM: OCCUPATIONAL HYGIENE	84
G.33.4.2.1	Curriculum outcomes	84
G.33.4.2.2	Articulation and exit point.....	84
G.33.4.2.3	CURRICULUM G901P: OCCUPATIONAL HYGIENE	84

G.33.5	PROGRAMME: DIETETICS	84
G.33.5.1	SPECIFIC ADMISSION REQUIREMENTS	85
G.33.5.2	CURRICULUM: DIETETICS	85
G.33.5.2.1	Curriculum outcomes	85
G.33.5.2.2	CURRICULUM G905P: DIETETICS	85
G.33.6	PROGRAMME: PHARMACY	85
G.33.6.1	SPECIFIC ADMISSION REQUIREMENTS	86
G.33.6.2	CURRICULA	86
G.33.6.2.1	Curriculum outcomes	86
G.33.6.2.2	Articulation and exit point	86
G.33.6.2.3	Other rules	86
G.33.6.2.4	CURRICULUM G910P: PHARMACEUTICAL CHEMISTRY	86
G.33.6.2.5	CURRICULUM G911P: PHARMACEUTICS	86
G.33.6.2.6	CURRICULUM G912P: PHARMACOLOGY	87
G.33.6.2.7	CURRICULUM G913P: PHARMACY PRACTICE	87
G.33.7	PROGRAMME: PHYSIOLOGY	87
G.33.7.1	SPECIFIC ADMISSION REQUIREMENTS	87
G.33.7.1.1	Curriculum outcomes	87
G.33.7.1.2	Articulation and exit point	88
G.33.7.1.3	CURRICULUM G915P: PHYSIOLOGY	88
G.33.8	PROGRAMME: SOCIAL WORK	88
G.33.8.1	SPECIFIC ADMISSION REQUIREMENTS	88
G.33.8.2	CURRICULUM: SOCIAL WORK	88
G.33.8.2.1	Curriculum outcomes	88
G.33.8.2.2	Articulation and exit point	89
G.33.8.2.3	CURRICULUM G920P: SOCIAL WORK	89
G.33.9	PROGRAMME: HUMAN MOVEMENT SCIENCE	89
G.33.9.1	SPECIFIC ADMISSION REQUIREMENTS	89
G.33.9.2	CURRICULUM: HUMAN MOVEMENT SCIENCE	89
G.33.9.2.1	Curriculum outcomes	89
G.33.9.2.2	Articulation and exit point	89
G.33.9.2.3	CURRICULUM G925P: HUMAN MOVEMENT SCIENCE	89
G.33.10	PROGRAMME: PSYCHOLOGY	89
G.33.10.1	SPECIFIC ADMISSION REQUIREMENTS	90
G.33.10.2	CURRICULUM: PSYCHOLOGY	90
G.33.10.2.1	Curriculum outcomes	90
G.33.10.2.2	Articulation and exit point	90
G.33.10.2.3	CURRICULUM G930P: PSYCHOLOGY	90

G.33.11	PROGRAMME: RECREATION SCIENCE	90
G.33.11.1	SPECIFIC ADMISSION REQUIREMENTS	90
G.33.11.2	CURRICULUM: RECREATION SCIENCE	90
G.33.11.2.1	Curriculum outcomes	90
G.33.11.2.2	Articulation and exit point	91
G.33.11.2.3	CURRICULUM G935P: RECREATION SCIENCE	91
G.33.12	PROGRAMME: CONSUMERS SCIENCES	91
G.33.12.1	SPECIFIC ADMISSION REQUIREMENTS	91
G.33.12.2	CURRICULUM: CONSUMER SCIENCES: GENERAL	91
G.33.12.2.1	Curriculum outcomes	91
G.33.12.2.2	Articulation and exit point	91
G.33.12.2.3	Other rules	91
G.33.12.2.4	CURRICULUM G940P: CONSUMER SCIENCES	92
G.33.13	PROGRAMME: NURSING	92
G.33.13.1	SPECIFIC ADMISSION REQUIREMENTS	92
G.33.13.2	CURRICULA	92
G.33.13.2.1	Curriculum outcomes	92
G.33.13.2.2	Articulation and exit points	93
G.33.13.2.3	CURRICULUM G950P: COMMUNITY NURSING	93
G.33.13.2.4	CURRICULUM G951P: HEALTH SERVICE MANAGEMENT	93
G.33.13.2.5	CURRICULUM G952P: HEALTH SCIENCE EDUCATION	93
G.33.13.2.6	CURRICULUM G953P: PROFESSIONAL NURSING	93
G.33.13.2.7	CURRICULUM G954P: PSYCHIATRIC COMMUNITY NURSING	93
G.33.13.2.8	CURRICULUM G955P: MIDWIFERY and NEONATOLOGICAL NURSING	93
G.33.13.2.9	CURRICULUM G956P: NURSING	93
G.33.14	PROGRAMME: NUTRITION	94
G.33.14.1	SPECIFIC ADMISSION REQUIREMENTS	94
G.33.14.2	CURRICULUM: NUTRITION	94
G.33.14.2.1	Curriculum outcomes	94
G.33.14.2.2	CURRICULUM G960P: NUTRITION	94
G.33.15	EXAMINATION	94
G.33.15.1	Requirements for a thesis	94
G.33.15.2	Submission procedure	95
G.33.15.3	Examination	95
G.33.15.4	Other directions	95
G.33.16	TERMINATION OF THE STUDY	95

FACULTY OF HEALTH SCIENCES: OFFICE BEARERS

DEAN

Prof MJ Viljoen, BA Nursing (UP), Diploma in Midwifery (Queen Victoria Hospital), MCur (Intensive Nursing Care) (UP), BA Hons (Sociology) (UP), MCur (Health Care Administration) (UP), DSocSc (UFS)

ADMINISTRATIVE MANAGER

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

RESEARCH CO-ORDINATOR

Ms S Beets, BCom (Economics, Money and Banking, Business Management) (PU for CHE), Hons BCom (Economics – Bank Risk Management) (PU for CHE), MCom (Economics – Bank Risk Management) (PU for CHE), Hons BA (Psychology) (NWU)

RESEARCH FOCUS AREAS

Centre of Excellence for Nutrition (CEN)

Director: Prof HH Vorster, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), DSc (PU for CHE)

Research Unit 9.1: Drug Research and Development

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 9.2: Africa Unit for Transdisciplinary Health Research (AUTHeR)

Director: Prof A Kruger, BSocSc (Nursing) (UFS), Hons BSocSc (Nursing) (UFS), MSocSc (Nursing) (UFS), PhD (PU for CHE)

Niche area: Hypertension in Africa Research Team (HART)

Co-ordinator: Prof AE Schutte, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (PU for CHE)

Niche area: Physical activities, Sport and Recreation (FASREK)

Co-ordinator: 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)

SCHOOL OF BIODYNAMICS, RECREATION AND SPORT SCIENCE

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

Institute of Biokinetics

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

Institute of Sport Science and Development

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

Subject group chairpersons

Biokinetics:

Dr CJ Wilders, B Juris (PU for CHE), BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (PU for CHE)

Kinderkinetics:

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

Recreation:

Dr C du P Meyer, BA (UFS), HOD (UFS), Hons BA (US), MA (PU for CHE), PhD (PU for CHE)

Sport Science:

Mr B Coetzee, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE)

Postgraduate/research programme

Prof BH de Ridder, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (PU for CHE)

SCHOOL OF PHARMACY

Director: Prof DW Oliver, BPharm (PU for CHE), Hons BSc (PU for CHE), MPharm (PU for CHE), DSc (PU for CHE), PhD (PU for CHE)

Research Institute of Industrial Pharmacy

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

Centre for Quality Assurance of Medicine (CENQAM)

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

Subject group chairpersons

Pharmacology:

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

Pharmacy:

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

Pharmaceutical Chemistry:

Prof JJ Bergh, BSc (US), BSc(Pharm) (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), DSc (Pharm Chemistry) (PU for CHE)

Pharmacy Practice:

Prof MS Lubbe, BPharm (PU for CHE), MPharm (Pharmacy Practice) (PU for CHE), PhD (PU for CHE)

Clinical Pharmacy:

Prof JJ Gerber, BSc(Pharm) (PU for CHE), Hons BSc (Pharmacology) (PU for CHE), Hons BSc (Industrial Pharm) (PU for CHE), MSc (Industrial Pharm) (PU for CHE), DSc(Pharm) (PU for CHE)

SCHOOL OF PHYSIOLOGY, NUTRITION AND CONSUMER SCIENCES

Director: Prof NT Malan, BSc (UFS), Hons BSc (UFS), MSc (UFS), DSc (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)

Consumer Sciences:

Dr H de Beer, BSc Agric (Consumer Science) (UP), MTech (Environmental health) (SUT), PhD (Microbiology) (UFS)

Nutrition:

Dr SM Hanekom, RD(SA), BSc (PU for CHE), Postgraduate Dipl Hosp Dietetics (UFS), Hons BSc (Dietetics) (PU for CHE), MSc (PU for CHE), PhD (PU for CHE)

SCHOOL OF PSYCHO-SOCIAL BEHAVIOURAL SCIENCES

Director: Prof MP Wissing, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), Drs (ClinPsych) (VU, A'dam), DPhil (PU for CHE)

Institute of Psychotherapy and Counselling

Head: Prof WF du Plessis, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), DPhil (PU for CHE)

Subject group chairpersons

Psychology:

Prof QM Temane, BA (UNW), Hons BA (UNW), MSocSc (UNIBO), PhD (NWU)

Social Work:

Prof H Strydom, BA(SW) (UPE), Hons BA(SW) (UPE), MA(SW) (UP), DPhil (UP)

SCHOOL OF NURSING

Director: Prof HC Klopper, BA(Cur) (UNISA), MCur (RAU), DCur (RAU), MBA (Luton, UK), Diploma General Nursing, Midwifery and Psychiatry, Advanced Diploma in Nursing Management

Subject group chairperson

Anatomy:

Miss B Scrooby, BCur (RAU), MCur (Community Nursing) (RAU)

Programme leaders:

BCur programme: Mrs AC van Graan BA(Cur) (UNISA), MCur (Professional Nursing) (NWU), Diploma General Nursing and Midwifery, Advanced University Diploma in Nursing Management (UNISA)

Telematic programme: Mrs MJS Williams, BArt et Sc (Nursing) (PU for CHE), MCur (Nursing Education) (RAU)

Postgraduate programmes: Prof E Lekalakala-Mokgele, BCur(I et A) (Fort Hare), MSocSc (Nursing) (UFS), PhD (UFS), Diploma General Nursing, Diploma Midwifery, Advanced Diploma in Nursing Management

EXECUTIVE COMMITTEE: FACULTY OF HEALTH SCIENCES

Chairperson: Prof MJ Viljoen (Dean)
Vice-Chairperson: Prof NT Malan
Secretary: Mrs C Postma (Administrative Manager)
Du Plessis, J (Prof)
Klopper, HC (Prof)
Malan, DDJ (Prof)
Wissing, MP (Prof)
Beets, S (Ms)

G.20 RULES FOR THE VARIOUS QUALIFICATIONS

G.20.1 AUTHORITY OF THE A RULES

The Faculty Rules that are applicable to the different programmes in this faculty and published in the Faculty Calendar are subjected to the General Academic Rules of the University as laid down from time to time by the University Council on recommendation by the Senate. They therefore have to be read in conjunction with those General Academic Rules.

The General Academic Rules can be found on the University's Homepage <http://www.nwu.ac.za> under "General/General Calendar/Rules". Printed copies can be consulted in the Ferdinand Postma Library or at the Director: Academic Administration.

G.20.2 FACULTY RULES

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

G.20.3 SCHOOLS, RESEARCH FOCUS AREAS AND SUBJECT GROUPS IN THE FACULTY OF HEALTH SCIENCES

Research and training in master's and doctor's study in the five schools of the Faculty of Health Sciences are structured in two research focus areas, namely 9.1 and 9.2. At the head of every focus area is a research director. The research directors are supported by the directors of schools and the staff of the different subject groups.

The subject groups Clinical Pharmacy and Pharmacy Practice do research in the Managed Pharmaceutical Care and Pharmaco-economic Research Group. The subject group Biochemistry of the School of Chemistry and Biochemistry, which is in the Faculty of Science, also do research in both focus areas of the Faculty of Health Sciences.

The relation and structure of the focus areas, schools and subject groups in the Faculty are as follows:

FOCUS AREA	SCHOOL	SUBJECT GROUP/INSTITUTE
CENTRE FOR NUTRITION EXCELLENCE	School for Physiology, Nutrition and Consumer Sciences	<ul style="list-style-type: none">• Nutrition• Dietary
Research unit 9.1: UNIT FOR TRANS-DISCIPLINARY HEALTH RESEARCH (AUTHeR)	School of Biokinetics, Recreation and Sport Science	<ul style="list-style-type: none">• Human Movement Science• Recreation Science• Institute of Biokinetics• Institute of Sport Science and Development

	School of Physiology, Nutrition and Consumer Sciences	<ul style="list-style-type: none"> • Physiology • Consumer Sciences • Lipid clinic
	School of Psycho-Social Behavioural Sciences	<ul style="list-style-type: none"> • Social Work • Psychology • Institute for Psychotherapy and Counselling
	School of Nursing	<ul style="list-style-type: none"> • General Nursing • Midwifery and Neonatal Nursing • Psychiatric Nursing • Community Nursing • Health Science Education • Health Service Management
Research unit 9.2: DRUG RESEARCH AND DEVELOPMENT	School of Pharmacy	<ul style="list-style-type: none"> • Pharmacology • Pharmaceutical Chemistry • Pharmaceutics and Biomedical services (CENQAM & Research Institute for Industrial Pharmacy)
CONTROLLED PHARMACEUTICAL CARE & PHARMACO-ECONOMY RESEARCH GROUP	School of Pharmacy	<ul style="list-style-type: none"> • Clinical Pharmacy • Pharmacy Practice

G.20.4 QUALIFICATIONS, PROGRAMMES AND CURRICULA

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

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

QUALIFICATIONS, PROGRAMMES AND CURRICULA PRESENTED IN THE FACULTY OF HEALTH SCIENCES

QUALIFICATION	ABBREVIATION	PROGRAMME	CURRICULA	QUALIFICATION/ CURRICULUM CODES
HONOURS DEGREES				
Honours Baccalaureus Artium	Hons BA	Human Movement Science	*Kinderkinetics *Biokinetics *Sport Science	102160 (F + P) G601P G602P G603P
Honours Baccalaureus Artium	Hons BA	Psychology	Psychology	102162 (F + P) G607P
Honours Baccalaureus Artium	Hons BA	Recreation Science	Recreation Science Recreation Science and Tourism Management	102161 (F + P) G605P 102164 G606P
Honours Baccalaureus Artium (Social Work)	Hons BA (SW)	Social Work	Phasing out. Final intake 2008 and final termination in 2009. *Social Work (full-time) *Social Work (part-time)	112103 (F + P) G610P G611P
Honours Baccalaureus Pharmaciae	Hons B Pharm	Pharmacy (Telematic)	*Community Pharmacy *Hospital Pharmacy	808100 (T) G615T G616T
Honours Baccalaureus Scientiae	Hons BSc	Human Movement Science	*Kinderkinetics *Biokinetics *Sport Science	202130 (F + P) G620P G621P G622P
Honours Baccalaureus Scientiae	Hons BSc	Physiology	Physiology	202131 (F + P) G623P
Honours Baccalaureus Scientiae	Hons BSc	Nutrition	Nutrition	202132 (F + P) G625P
Honours Baccalaureus Scientiae	Hons BSc	Psychology	Psychology	202133 (F + P) G626P

QUALIFICATION	ABBREVIATION	PROGRAMME	CURRICULA	QUALIFICATION / CURRICULUM CODES
Honours Baccalaureus (Consumer Sciences)	Hons B Cons	Consumer Sciences	*Consumer Sciences	835100 (F + P) G630P
Honours Baccalaureus Scientiae (Pharmacology)	Hons BSc Pharmacol	Pharmacology (Telematic)	*Pharmacology	840100 (T) G640T
MASTER'S DEGREES				
Magister Artium	MA	Human Movement Science	*Dissertation *Kinderkinetics *Biokinetics	103180 (F + P) G801P G802P G806P
Magister Artium	MA	Clinical Psychology Counselling Psychology Psychology	*Clinical Psychology (Structured) *Counselling Psychology (Structured) *Research Psychology (Structured)	103183 (F + P) G810P 103184 (F + P) G811P 103181 (F + P) G813P
Magister Artium	MA	Recreation Science	Recreation Science	103182 (F + P) G815P
Magister Artium (Social Work)	MA(SW)	Social Work	*Social Work (Dissertation) *Social Work in Forensic Practise *Social Work (Structured)	113104 (NB-V) 113104 (NB-D) 113106 (NH-V) 113106 (NH-D) G820P G823P G824P

QUALIFICATION	ABBREVIATION	FIELD	PROGRAMME	QUALIFICATION/ PROGRAMME CODES
Magister Curationis	MCur	Nursing (Research Master's Degree)	*Community Nursing *Health Service Management *Health Science Education *Professional Nursing * Nursing	833 100 (F + P) G830P G831P G832P G833P G836P G834P G835P
		Nursing (Coursework Master's Degree)	*Psychiatric Community Nursing *Midwifery and Neonatal Nursing	
Magister Pharmaciae	MPharm	Pharmacy	*Pharmacy Practice	803104 (V) 803104 (D) 803104 (T) G840P 803 104 (T) G841T G842T G843T
		Pharmacy (Telematic)	*Community Pharmacy *Clinical Pharmacy *Hospital Pharmacy	
Magister Scientiae	MSc	Occupational Hygiene	Occupational Hygiene	203160 (NH) (F + P) G850P
Magister Scientiae	MSc	Dietetics	Dietetics (Mini- dissertation) Dietetics (Dissertation)	203169 (F + P) G851P G875P

QUALIFICATION	ABBREVIATION	PROGRAMME	CURRICULA	DEGREE/ CURRICULUM CODES
MASTER'S DEGREES				
Magister Scientiae	MSc	Pharmacy	Pharmaceutical Chemistry Pharmacology Pharmaceutics	203162 (NH) (F + P) 203170 (NB) (F + P) G852P G853P G854P
Magister Scientiae	MSc	Physiology	Physiology	203163 (NH) (F + P) 203171 (NB) (F + P) G855P
Magister Scientiae	MSc	Human Movement Science	Dissertation Kinderkinetics Biokinetics	203164 (NH) (F + P) 203172 (NB) (F + P) G856P G857P G861P
Magister Scientiae	MSc	Clinical Psychology Counselling Psychology Psychology	Clinical Psychology (Structured) Counselling Psychology (Structured) Research Psychology (Structured)	203176 (F + P) G865P 203177 (F + P) G866P 203265 (F + P) G868P
Magister Scientiae	MSc	Nutrition	Nutrition (Mini- dissertation) Nutrition (Dissertation)	203166 (F + P) G870P G871P
Magister Consumer Sciences	MCons	Consumer Sciences	*Consumer Sciences (Dissertation) *Consumer Sciences (Mini- dissertation)	836100 (F + P) G880P G881P

DOCTOR'S DEGREES				
Philosophiae Doctor	PhD	Occupational Hygiene	Occupational Hygiene	805104 (F + P) G901P
Philosophiae Doctor	PhD	Dietetics	Dietetics	805105 (F + P) G905P
Philosophiae Doctor	PhD	Pharmacy	Pharmaceutical Chemistry Pharmaceutics Pharmacology Pharmacy Practice	805106 (F + P) G910P G911P G912P G913P
Philosophiae Doctor	PhD	Physiology	Physiology	805107 (F + P) G915P
Philosophiae Doctor	PhD	Social Work	Social Work	805108 (F + P) G920P
Philosophiae Doctor	PhD	Human Movement Science	Human Movement Science	805109 (F + P) G925P
Philosophiae Doctor	PhD	Psychology	Psychology	805110 (F + P) G930P
Philosophiae Doctor	PhD	Recreation Science	Recreation Science	805111 (F + P) G935P
Philosophiae Doctor	PhD	Consumer Sciences	Consumer Sciences	805112 (F + P) G940P
Philosophiae Doctor	PhD	Nursing	Community Nursing Health Service Management Health Science Education Professional Nursing Psychiatric Nursing Midwifery and Neonatal Nursing	805113 (F + P) G950P G951P G952P G953P G954P G955P G956P
Philosophiae Doctor	PhD	Nutrition	Nutrition	805114 (F + P) G960P

G.20.5 MODULES AND CREDITS

Subjects are presented in modules to which specific credit values are allocated.

Modules have a code and a descriptive name, e.g. MBGB111. The meaning of the numerical codes is explained in General Rule A.1.38.

Every module has a certain weight, which is known as a credit point (General Rule A.1.29).

G.20.6 RECOGNITION OF PREVIOUS STUDY

The North-West University accepts the principle underlying outcomes-oriented, source-based and lifelong learning in which considerations of articulation and mobility play a meaningful role. The University also underwrites the view that recognition of previous learning, obtained either by formal teaching programmes at this or another institution, or informally (obtained by experience), is an indispensable element in granting admission or credits with the aim of placing in a specifically chosen teaching-learning programme of the University.

In recognising previous learning, it deals with provable knowledge and learning that the applicant obtained by following formal teaching programmes or by experience. At all times the question will be what level of competence was reached, judged in the context of the exit level skills required for the contemplated teaching-learning programmes (or modules therein) or status for which the applicant is applying and not merely about the experience the applicant can prove. Recognition of previous learning takes place in terms of the relevant skills that the applicant demonstrated in the application with reference to the exit outcomes that should be reached in the chosen programme.

The North-West University accepts that the recognition of previous learning does and should take place within the normal, existing policy of admission, as well as the granting of credits to prospective or existing students – from this or another institution – in a valid, creditable and reasonable way.

A non-refundable administrative fee, laid down from time to time by the University, is payable for dealing with the application for recognition of previous learning.

The process for recognising of previous learning is stated in General Rule A.1.15.

G.20.7 REGISTRATION

Registration is the prescribed, completed process that a student has followed to register as a student at the University (General Rules A.1.45 and A.5).

G.20.8 REGISTRATION FOR ADDITIONAL MODULES

A student may register in any study year for modules additional to the required modules in accordance with the stipulations of General Rules A.1.3 and A.5.8.

G.20.9 EXAMINATION – HONOURS DEGREES

G.20.9.1 Examination opportunities

The examination opportunities and the relevant rules are determined by General Rule A.8.1.

G.20.9.2 Composition of the participation mark

A participation mark for a module (General Rules A.1.5) may be composed from tests, assignments and other forms of evaluation.

G.20.9.3 Admission to the examination

- a) Admission to the examination in any module takes place by obtaining proof of participation (General Rules A.1.4 and A.8.6).
- b) Proof of participation that gives admission to the examination will only be supplied after a student has complied with the requirements stated in the study guide/manual/subject group pamphlet for the specific module as judged by the school director in collaboration with the subject group chairperson.

G.20.9.4 Module mark

The module mark (General Rules A.1.39) is calculated from the ratio of the participation mark and the examination mark as given in the study guide/manual/subject group pamphlet.

G.20.9.5 Requirements for passing a module and a curriculum

- a) The stipulations of General Rule A.8.7 are applicable.
- b) The sub-minimum for all modules in which an examination was written, is 40% (General Rule A.8.7.5).
- c) The requirement for passing a module in which an examination was written, is a module mark of 50% (General Rule A.8.7.1).
- d) A programme is passed if all the modules in the curriculum are passed respectively (General Rule A.8.5).
- e) General Rules A.8.7.9 and A.8.7.10 give the requirements for passing a module or a curriculum with distinction.

G.20.9.6 Repeating of modules

A single repetition of a module that was not passed, takes place according to the stipulations of General Rule A.8.

G.20.9.7 Termination of study

A student's study may be terminated according to the stipulations of General Rule A.9.

G.20.10 EXAMINATION (ASSESSMENT) – HONOURS

G.20.10.1 Examination Opportunities

Examination opportunities and other relevant rules take place in accordance with General Rule A.8.1.

G.20.10.2 Participation mark

For each module, a participation mark may be compiled from assessing assignments and any other work, which must be completed to the satisfaction of the Faculty Council according to the stipulations in General Rules A.1.4.

G.20.10.3 Admission to the examination

- a) Admission to the examination in any module is obtained through proof of participation, sanctioned by the director of the school, confirming that the student has met the requirements for admission to the examination.
- b) Where applicable, students must achieve a participation mark of at least 40% in each module in order to be admitted to the final evaluation during the examination period.

G.20.10.4 Module mark

- a) The module mark is calculated from the mark achieved in the examination and, where applicable, from the participation mark, on condition that the latter may not contribute less than 40% and not more than 70% to the module mark (General Rule A.8.8).
- b) As a general rule, a ratio of 3 : 2 (participation mark : examination mark) is used to determine the module mark for modules 1 to 8, a ratio of 1 : 1 is used for modules 9 to 12 and a ratio of 2 : 3 for module 13.

G.20.10.5 Passing requirements for modules and the curriculum

- a) The final evaluation (examination) in each module consists of a single written paper or the equivalent oral evaluation in accordance with General Rules A.8.7.
- b) The sub-minimum examination mark for modules in which a formal examination was set, must be at least 40% (General Rule A.8.7.5).
- c) A sub-minimum mark of 40% applies to each assessment for each module, including assignments, moderated group discussion forums, examination papers and oral evaluations.
- d) A module is passed if the student achieved a module mark of at least 50% in the final evaluation (General Rule A.8.7).
- e) A curriculum is passed if all the prescribed modules of the programme are passed (General Rule A.8.5).
- f) General Rules A.8.7.9 and A.8.7.10 determine the requirements to pass a module or a curriculum with distinction.

G.20.10.6 Repeating modules

A student may repeat modules once in accordance with General Rule A.10.

G.20.10.7 Termination of study

A student's study may be terminated in accordance with General Rule A.9.

G.20.11 EXAMINATION – MASTER'S DEGREES

(See G.20.9 of this calendar and Rule A.8.1.)

G.20.11.1 Appointment of examiners

The appointment of examiners and moderators takes place yearly during the first ordinary meeting of the Faculty Council (General Rules A.8.2 and A.8.3).

G.20.11.2 Admission to the examination

- a) Admission to the examination in any module takes place by obtaining proof of participation (General Rules A.1.4 and A.8.6).
- b) Proof of participation that gives admission to the examination will only be supplied after a student has complied with the requirements stated in the study guide/manual/subject group pamphlet for the specific module as judged by the school director in collaboration with the subject group chairperson.

G.20.11.3 Examination

- a) The examination for the master's degree takes place according to the stipulations of General Rule A.13.6.
- b) A student that registers at such a stage during the year that he/she cannot partake in the presentation of the paper section of the specific year, should complete the paper section not later than the second study year. Such a student should submit the research proposal within six months after registration as a student for approval by the executive committee of the Faculty Council in accordance with the General Rule A.13.4.8.
- c) A dissertation or mini-dissertation may only be submitted with the written approval of the supervisor(s) (General Rule A.13.9.4).
- d) The number of times that a student may report for an examination and the repetition of modules are governed by the stipulations of General Rule A.13.14.
- e) The requirements with which a dissertation or mini-dissertation should comply are governed by the stipulations of General Rule A.13.7.1.
- f) Learners should take careful note of the contents of the Manual for Postgraduate Study (General Rule A.13.7.2).

G.20.11.4 Participation mark

A participation mark for modules may be accrued from assignments and other forms of evaluation.

G.20.11.5 Module mark/Result

- a) The module mark of modules (papers) in which examination was written, is allocated according to the stipulations of General Rules A.8.7.1 (pass mark of 50%), A.8.7.4 (ratio between the participation mark and the

examination mark), A.8.7.5 (sub-minimum of 40%), A.8.7.9 and A.8.7.10 (distinction).

- b) The calculation of the module mark and the result of a dissertation or mini-dissertation take place according to the stipulations of General Rule A.13.12.

The calculation of the module mark will be reflected separately under each programme in this calendar.

G.20.11.6 Termination of the study

A student's study may be terminated according to the stipulations in General Rule A.9.

G.21 RULES FOR THE DEGREE HONOURS BACCALAUREUS ARTIUM

The honours degree follows a bachelor's degree of three or four years, or after the status of a bachelor's degree was granted.

The study may be done full-time or part-time.

G.21.1 DURATION OF THE STUDY

The minimum duration of the study is one year full-time and the maximum duration is two years full-time. For part-time study the minimum duration is two years and the maximum duration three years.

G.21.2 GENERAL ADMISSION REQUIREMENTS

- a) Admission to the honours programmes takes place according to General Rule A.12.1.
- b) Registration for honours programmes should not take place later than 31 January.

G.21.3 PROGRAMME: HUMAN MOVEMENT SCIENCE

Qualification code: 102160 (F + P)

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

G.21.3.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements, the following holds (General Rule A.12.1):

- a) An academic screening according to criteria laid down by the school;
- b) a screening focused on psychometric, personal and skills development as applicable to the different programmes of the school; and
- c) approval by the particular school director.

G.21.3.2 CURRICULUM: KINDERKINETICS

G.21.3.2.1 Curriculum outcomes

To equip a student with qualities, skills and knowledge to manage the practice of Kinderkinetics with success. To develop a professional identity in the student and to equip the student with skills, thus enabling him/her to plan and manage his/her own practice.

G.21.3.2.2 Articulation and exit point

Successful completion of the degree gives admission to the study for the master's degree in Human Movement Science.

G.21.3.2.3 CURRICULUM G601P: KINDERKINETICS

Module code	Descriptive name	Credits	Semester
MBWK611	Research Methodology	16	1
MBWK612	Kinanthropometry	8	1
MBWK671	Child Welfare and Health Promotion	16	1 & 2
MBWK672	Neuromotor Learning	16	1 & 2
MBWK673	Kinderkinetics Practicals	24	1 & 2
MBWK674	Practice Management	16	1 & 2
MBWK675	Applied Exercise Physiology	16	1 & 2
MBWK676	Assignment	16	1 & 2
Total credits for the curriculum		128	

G.21.3.3 CURRICULUM: BIOKINETICS**G.21.3.3.1 Curriculum outcomes**

After completing the curriculum, the student, as an entrepreneur, should be able to give scientifically-based exercise programme directions to clients for the rehabilitation of a clinical condition where exercise as a treatment modality is indicated, either in private practice or in established institutions, with the aim of enhancing health and quality of life.

G.21.3.3.2 Articulation and exit point

Successful completion of the degree gives admission to master's study in Human Movement Science, as well as to registration at the South African Association of Biokinetics and the Council for Health Professions of South Africa.

G.21.3.3.3 CURRICULUM G602P: BIOKINETICS

Module code	Descriptive name	Credits	Semester
MBWB621	Exercise Physiology	16	1 & 2
MBWB671	Biokinetics	16	1 & 2
MBWB672	Biokinetics Practicals	24	1 & 2
MBWB673	Ergologic Evaluation	16	1 & 2
MBWK611	Research Methodology	16	1
MBWK612	Kinanthropometry	8	1
MBWK674	Practice Management	16	1 & 2
MBWK676	Assignment	16	1 & 2
Total credits for the curriculum		128	

G.21.3.4 CURRICULUM: SPORT SCIENCE**G.21.3.4.1 Curriculum outcomes**

- a) After completing this curriculum, the student should be able to apply specialised scientific knowledge in such a way that the sport performance potential of sport participants and prospective participants may be determined and developed.
- b) As a trained sport scientist, a student may start his/her own practice, be employed by an institution or function as a sport science consultant in the

sport market. Students may also register at the South African Association of Sport Science.

G.21.3.4.2 Articulation and exit point

Successful completion of this degree gives admission to study for the master's degree in Human Movement Science.

G.21.3.4.3 CURRICULUM G603P: SPORT SCIENCE

Module code	Descriptive name	Credits	Semester
MBWK611	Research Methodology	16	1
MBWK612	Kinanthropometry	8	1
MBWK674	Practice Management	16	1 & 2
MBWK676	Assignment	16	1 & 2
MBWS671	Motor Learning	16	1 & 2
MBWS672	Sport Psychology	16	1 & 2
MBWS673	Applied Sport Physiology	16	1 & 2
MBWS675	Sport Science Practice	8	1 & 2
MBWS677	Sport Physiology	16	1 & 2
Total credits for the curriculum		128	

G.21.4 PROGRAMME: PSYCHOLOGY

Qualification code: 102162 (F+P)

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

G.21.4.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (A.12.1), the following Faculty admission requirements holds:

Candidates should have

- a) an applicable B degree;
- b) an academic selection according to the criteria as determined by the school; and
- c) a selection based on psychometric, personal and competency development as applicable in various programmes of the school.

G.21.4.2 CURRICULUM: PSYCHOLOGY

G.21.4.2.1 Curriculum outcomes

The qualified student will be equipped with basic knowledge of and suitable attitudes regarding psychopathology, counselling and rendering of help, social and community psychology, research and statistical methods, and be able to conceptualise, develop and apply skills regarding preventative and capacity-building programmes. Furthermore, the student will have at his/her disposal a thorough knowledge of psychometry, certain prescribed psychological tests and ethical aspects regarding professional behaviour.

G.21.4.2.2 Articulation and exit point

Successful completion of the degree gives admission to the master's degree in Psychology after a successful selection process.

G.21.4.2.3 CURRICULUM G607P: PSYCHOLOGY

Module code	Descriptive name	Credits	Semester
PSIG671	Psychometry	8	
PSIG672	Psychological Evaluation	16	
PSIG678	Psychopathology	16	
PSIG684	Research Methodology	8	
PSIG685	Theoretical Perspectives on Rendering Help	16	
PSIG688	Intervention Techniques	16	
PSIG689	Management of Groups	8	
PSIG691	Community Psychology	16	
PSIG692	Facilitation of Community Welfare	16	
PSIG693	Ethics and Professional Behaviour	8	
STTK111	Descriptive Statistics	8	
STTK124	Practical Statistics	8	
Total credits for the curriculum		144	

G.21.5 PROGRAMME: RECREATION SCIENCE

Qualification code: 102161 (F+P) (Recreation Science)

G.21.5.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (A.12.1), the following hold:

- a) An academic screening according to the criteria laid down by the School, and
- b) a screening focused on psychometric, personal and skills development as applicable to the different programmes in the School.

G.21.5.2 CURRICULUM: RECREATION SCIENCE**G.21.5.2.1 Curriculum outcomes**

The following skills will enable the student to establish and manage his/her own outdoors recreation and adventure centre: facilitation, small group dynamics, risk management, problem-solving, decision-making, safety, financial management, planning, organisation and implementation of adventure activities and excursions. Specialist training will enable the student to implement the mentioned knowledge and skills: high ropes and low ropes activities, "abseiling", canoeing, orientation, camping and hiking. The student will be able to develop token-directed programmes regarding development and adventure therapy.

G.21.5.2.2 Articulation and exit point

Successful completion of the degree gives admission to the study for the master's degree in Recreation Science.

G.21.5.2.3 Other rules

Practical work is required from the student as determined by the programme leader and School Director.

G.21.5.2.4 CURRICULUM G605P: RECREATION SCIENCE

Module code	Descriptive name	Credits	Semester
MBWK611	Research Methodology	16	1
MBWK671	Child Welfare and Health Promotion	16	1 & 2
RKKX671	Outdoor Recreation and Adventure Management	16	1 & 2
RKKX672	Adventure Trauma	16	1 & 2
RKKX673	Adventure Practice Organisation and Management	16	1 & 2
RKKX674	Leisure Programming	16	1 & 2
RKKX675	Assignment	32	1 & 2
Total credits for the curriculum		128	

G.21.6 PROGRAMME: RECREATION SCIENCE AND TOURISM MANAGEMENT

Qualification code: 102164 (F+P) (Recreation Science and Tourism Management)

G.21.6.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.12.1), the following hold:

- a) An academic screening according to criteria laid down by the particular schools, and
- b) screening focused on psychometric, personal and skills development as applicable to the various programmes of the schools.

G.21.6.2 CURRICULUM: RECREATION SCIENCE AND TOURISM MANAGEMENT**G.21.6.2.1 Curriculum outcomes****G.21.6.2.1.1 Recreation programme**

The student should be able to

- a) do scientifically-based, creative and innovative programme development for clients;
- b) exploit new knowledge, do research and initiate entrepreneurial projects, thus improving the general quality of life of individuals and/or communities; and
- c) plan and manage his/her own recreation enterprise by mastering specific skills and knowledge.

G.21.6.2.1.2 Tourism Marketing

After completing the curriculum, the student should be able to

- a) do an image analysis with the aim of positioning the product, and
- b) apply advanced market segmentation.

G.21.6.2.1.3 Ecotourism

After completing the curriculum, the student should be able to

- a) develop and manage sustainable products for ecotourism, and
- b) analyse marine tourism with the aim of developing and managing sustainable marine resorts and/or reserves.

G.21.6.2.2 Articulation and exit points

Successful completion of the qualification gives admission to the study for the master's degree in Recreation Science or Tourism.

G.21.6.2.3 Other rules

Practical work is required from the student as determined by the specific programme leaders and school directors.

G.21.6.2.4 CURRICULUM: G606P: RECREATION SCIENCE AND TOURISM MANAGEMENT

Module code	Descriptive name	Credits	Semester
MBWK611	Research Methodology	16	1
ONTP672	Ecotourism and Sustainable Management	32	1 & 2
ONTP673	Advanced Tourism Marketing	32	1 & 2
RKKX671	Applied Recreation Management	16	1 & 2
RKKX672	Adventure Trauma	16	1 & 2
RKKX673	Recreation Practise Management	16	1 & 2
RKKX674	Applied Leisure Facilitation	16	1 & 2
RKKX675	Assignment	32	1 & 2
Total credits for the curriculum		176	

G.21.7 EXAMINATION

(See G.20.9 of this calendar.)

G.22 RULES FOR THE DEGREE HONOURS BACCALAUREUS ARTIUM (SOCIAL WORK)

This degree is phasing out. The last intake of new students is in 2008 and final termination occurs at the end of 2009.

Although there is a BA Humanities degree where Social Work is taken as core module, it is in conjunction with Psychology and students will only be able to specialise in it at honours level.

Qualification code: 112103 (F + P)

The honours degree is presented to give a student (who has obtained a degree in Social Work after three years of study) the opportunity to obtain a four-year qualification, and to give admission to the MA(SW). The study can, except for certain requirements, be done full-time as well as part-time. It includes Social Work Theory as well as Professional Practice Training.

G.22.1 DURATION OF STUDY

The minimum duration of study is one year full-time and the maximum duration is two years full-time. For part-time study the minimum duration is two years and the maximum duration three years.

G.22.2 GENERAL ADMISSION REQUIREMENTS

- a) Admission to the honours programme takes place according to General Rule A.12.1.
- b) Registration for postgraduate programmes should not take place later than 31 January.

G.22.3 PROGRAMME: SOCIAL WORK

The honours programme in Social Work training in South Africa goes back to the time when a three-year BA degree in Social Work was required. After the introduction of a four-year degree course, an honours degree was no longer necessary for admission to the MA degree. Practising social workers with a three-year training who are interested in further study should, however, first complete the honours degree to get admission to MA study. The objective of the current programme is thus to enable social workers with a three-year qualification to be trained at a postgraduate level for as long as there is a need for it.

According to the *White Paper for Social Welfare* a strategic plan for the reconstruction and rationalisation of the social service provision system in South Africa was accepted. These policy measures require a holistic developmental approach for providing services to individuals, families, groups and communities at a multi-professional level. Specially trained staff is required for this purpose. Furthermore, the strategic plan emphasises the necessity for existing social workers to upgrade their qualifications to comply with the requirements that the new approach will demand from them. This programme is geared at meeting both these expectations.

G.22.3.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.12.1), the following admission requirements hold:

- a) Students should have an approved three-year Bachelor's degree with Social Work as one of the majors.
- b) Before registration for this degree, a student should apply for screening on the prescribed form. If it is so stipulated by the school director, it may be required from a student to undergo a further screening before he/she is admitted to the next module.
- c) The full-time curriculum is only presented if a minimum number of students enrol for it, as determined by the director of the specific school. It may imply that only the part-time curriculum will be presented in a given year and that a student may only choose the modules that are presented in the given year.
- d) The part-time curriculum is only presented if a minimum number of students enrol for it, as determined by the school director.
- e) Students should supply proof of their registration as social workers at the South African Council for Social Service Professions.

G.22.3.2 CURRICULUM: SOCIAL WORK

G.22.3.2.1 Curriculum outcomes

The student should be able to

- a) plan and implement therapeutic and development-directed social work services;
- b) utilise the South African social service rendering system in the provision of services;
- c) fill a variety of social work roles as required by the South African Council of Social Service Professions;
- d) function effectively in group work, thereby optimising service;
- e) operationalise an established value system in all forms of communication;
- f) operate in a problem-solving manner in handling new social problems; and
- g) use suitable research methods with success, interpret results and write coherent reports.

G.22.3.2.2 Articulation and exit point

The qualification enables the student to enrol for programmes at master's level at all South African universities which present social work at postgraduate level.

G.22.3.2.3 CURRICULUM: FULL-TIME G610P: SOCIAL WORK

Module code	Descriptive name	Credits	Semester
MWKH671	Community Work and Community Development	16	1 & 2
MWKH673	Social Work – Research	16	1 & 2
MWKH674	Social Work Management and Social Work Policy	24	1 & 2
MWKH675	Professional Practice	16	1 & 2
MWKH676	Research Project	32	1 & 2
MWKH677	Clinical Social Work	16	1 & 2
MWKH678	Social Group Work	16	1 & 2
Total credits for the curriculum		136	

G.22.3.2.4 CURRICULUM: PART-TIME G611P: SOCIAL WORK

Module code	Descriptive name	Credits	Semester
First study year			
MWKH671	Community Work and Community Development	16	1 & 2
MWKH675	Professional Practice	16	1 & 2
MWKH677	Clinical Social Work	16	1 & 2
MWKH678	Social Group Work	16	1 & 2
Total credits for the first study year		64	
Second study year			
MWKH673	Social Work – Research	16	1 & 2
MWKH674	Social Work – Management and Social Work – Policy	24	1 & 2
MWKH676	Research Project	32	1 & 2
Total credits for the second study year		72	
Total credits for the curriculum		136	

G.22.4 EXAMINATION

(See G.20.9 of this calendar.)

G.23 RULES FOR THE DEGREE HONOURS BACCALAUREUS PHARMACIAE

Qualification code: 808100 (Telematic)

The Hons BPharm degree is only presented on a distant-learning basis at the Potchefstroom Campus of the North-West University.

The programme is only presented in English.

The Hons BPharm degree is a programme for postgraduate study in professional pharmacy. Various curricula can lead to this qualification, namely Community Pharmacy (G615T) and Hospital Pharmacy (G616T).

Students may also enrol for individual modules as certificate courses for purposes of continued professional development. A maximum of four modules may retain credit towards completion of the Hons BPharm degree within a maximum period of three years.

G.23.1 DURATION

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

G.23.2 GENERAL ADMISSION REQUIREMENTS

- a) Admission to honours programmes takes place in accordance with General Rule A.12.1.
- b) Registration must take place either before 31 January or 31 May.

G.23.3 PROGRAMME: PHARMACY

The purpose of this direction is to provide postgraduate pharmacists the opportunity to become competent to practise as distinguished leaders at a highly specialised level as community or hospital pharmacists in providing a comprehensive pharmaceutical service to the inhabitants of South Africa.

G.23.4 SPECIFIC ADMISSION REQUIREMENTS

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

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

G.23.4.1 CURRICULUM: COMMUNITY PHARMACY

G.23.4.1.1 Curriculum outcomes

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

G.23.4.1.2 Articulation

This qualification gives access to postgraduate studies such as MPharm, MSc and PhD in Pharmacy and related health disciplines at the NWU and other universities nationally and internationally.

G.23.4.1.3 CURRICULUM G615T: COMMUNITY PHARMACY

The curriculum consists of module work (theoretical component) in the form of ten modules (16 credits each), of which four modules are compulsory. The elective modules are chosen in collaboration with the programme coordinator.

Module code	Descriptive name	Credit	Semester
BSKP311	Organisation Psychology	16	1
BSKT221*	Pharmaceutical Management iii: Industrial Psychology	16	2
FMIA613	Biopharmaceutics	16	1
FMIA614	Stability of Pharmaceutical Products	16	1
FPHA611	Introduction to Pharmacoeconomics	16	1
FPHA612*	Managed Pharmaceutical Care	16	1
FPHA613	Disease Management and Drug Utilisation Review	16	1

FPHA621	Pharmacotherapy I	16	2
FPHA622	Pharmacotherapy II	16	2
FPHA623	Pharmaco-epidemiology	16	2
FPHA624*	Legislation & Quality Control	16	2
FPHA626	Pharmaceutical Management ii	16	2
ONBP224*	Pharmaceutical Management i: Entrepreneurship	16	2
Credit total for the curriculum (10 x 16)		160	

Note: *Compulsory modules

G.23.4.2 CURRICULUM: HOSPITAL PHARMACY

G.23.4.2.1 Curriculum outcomes

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

G.23.4.2.2 Articulation

This qualification gives access to postgraduate studies such as MPharm, MSc and PhD in Pharmacy and related health disciplines at the NWU and other universities nationally and internationally.

G.23.4.2.3 CURRICULUM G616T: HOSPITAL PHARMACY

The curriculum consists of module work (theoretical component) in the form of ten modules (16 credits each), of which four modules are compulsory. The optional modules are chosen in collaboration with the programme coordinator.

Module code	Descriptive name	Credit	Semester
BSKP311	Organisation Psychology	16	1
BSKT221*	Pharmaceutical Management III: Industrial Psychology	16	2
FMIA613	Biopharmaceutics	16	1
FMIA614	Stability of Pharmaceutical Products	16	1
FMIA624	Novel and Biotechnological products	16	2
FPHA611	Introduction to Pharmaco-economics	16	1
FPHA612*	Managed Pharmaceutical Care	16	1
FPHA613	Disease Management and Drug Utilisation Review	16	1
FPHA621	Pharmacotherapy I	16	2
FPHA622	Pharmacotherapy II	16	2
FPHA623	Pharmaco-epidemiology	16	2
FPHA624*	Legislation and Quality Control	16	2
FPHA625	Medicines Supply Systems	16	2
FPHA626	Pharmaceutical Management II	16	2
ONBP224*	Pharmaceutical Management I: Entrepreneurship	16	2
Credit total for the curriculum (10 x 16)		160	

Note: *Compulsory modules.

G.23.5 EXAMINATION (ASSESSMENT)

(G.20.10 of this calendar)

G.24 RULES FOR THE DEGREE HONOURS BACCALAUREUS SCIENTIAE

This qualification may be obtained in the programmes and curricula further described in rule G.24 and can be done full-time or part-time.

G.24.1 DURATION OF THE STUDY

The minimum duration of the study is one year and the maximum duration two years. For part-time study the minimum duration is two years and the maximum duration three years.

G.24.2 GENERAL ADMISSION REQUIREMENTS

- a) Admission to honours programmes takes place according to General Rule A.12.1.
- b) Registration for postgraduate programmes should take place not later than 31 January.

G.24.3 PROGRAMME: HUMAN MOVEMENT SCIENCE

Qualification code: 202130 (F + P)

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

G.24.3.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (A.12.1), the following hold:

- a) An academic screening according to criteria laid down by the school;
- b) screening focused on psychometric, personal and skills development as applicable to the various programmes of the school; and
- c) approval by the particular school director.

G.24.3.2 CURRICULUM: KINDERKINETICS

G.24.3.2.1 Curriculum outcomes

To equip a student with qualities, skills and knowledge to manage the practice of Kinderkinetics with success. To develop a professional identity in the student and equip the student with skills, thus enabling him/her to plan and manage his/her own practice.

G.24.3.2.2 Articulation and exit point

Successful completion of the degree gives admission to the study for the master's degree in Human Movement Science.

G.24.3.2.3 CURRICULUM G620P: KINDERKINETICS

Module code	Descriptive name	Credits	Semester
MBWK611	Research Methodology	16	1
MBWK612	Kinanthropometry	8	1
MBWK671	Child Welfare and Health Promotion	16	1 & 2
MBWK672	Neuromotor Learning	16	1 & 2
MBWK673	Kinderkinetics Practicals	24	1 & 2
MBWK674	Practice Management	16	1 & 2
MBWK675	Applied Exercise Physiology	16	1 & 2
MBWK676	Assignment	16	1 & 2
Total credits for the curriculum		128	

G.24.3.3 CURRICULUM: BIOKINETICS**G.24.3.3.1 Curriculum outcomes**

After completing the curriculum, the student, as an entrepreneur, should be able to give scientifically based exercise programme directions to clients for the rehabilitation of a clinical condition where exercise as a treatment modality is indicated, either in private practice or established institutions, with the aim of enhancing health and quality of life.

G.24.3.3.2 Articulation and exit point

Successful completion of the degree gives admission to master's study in Human Movement Science, as well as registration at the South African Association of Biokinetics and the Council for Health Professions of South Africa.

G.24.3.3.3 CURRICULUM G621P: BIOKINETICS

Module code	Descriptive name	Credits	Semester
MBWB621	Exercise Physiology	16	2
MBWB671	Biokinetics	16	1 & 2
MBWB672	Biokinetics Practicals	24	1 & 2
MBWB673	Ergologic Evaluation	16	1 & 2
MBWK611	Research Methodology	16	1
MBWK612	Kinanthropometry	8	1
MBWK674	Practice Management	16	1 & 2
MBWK676	Assignment	16	1 & 2
Total credits for the curriculum		128	

G.24.3.4 CURRICULUM: SPORT SCIENCE**G.24.3.4.1 Curriculum outcomes**

After completing this curriculum, the student should be able to apply specialised scientific knowledge in such a way that the sport performance potential of sport participants and prospective participants may be determined and developed.

As a trained sport scientist, a student may start his/her own practice, be employed by an institution or function as a sport science consultant in the sport

market. Students may also register at the South African Association of Sport Science.

G.24.3.4.2 Articulation and exit point

Successful completion of this degree gives admission to study for the master's degree in Human Movement Science.

G.24.3.4.3 CURRICULUM G622P: SPORT SCIENCE

Module code	Descriptive name	Credits	Semester
MBWK611	Research Methodology	16	1
MBWK612	Kinanthropometry	8	1
MBWS671	Motor Learning	16	1 & 2
MBWK674	Practice Management	16	1 & 2
MBWK676	Assignment	16	1 & 2
MBWS677	Sport Physiology	16	1 & 2
MBWS672	Sport Psychology	16	1 & 2
MBWS673	Applied Sport Physiology	16	1 & 2
MBWS675	Sport Science Practice	8	1 & 2
Total credits for the curriculum		128	

G.24.4 PROGRAMME: PHYSIOLOGY

Qualification code: 202131 (F + P)

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

The program is presented full-time and part-time.

G.24.4.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.12.1), the following specific admission requirements hold:

- a) BSc with Physiology as a major subject or an equivalent qualification with in-depth knowledge of Physiology;
- b) at least 60% in Physiology at third-year level;
- c) approval by the school director;
- d) selection is subject to available capacity; and
- e) the student should provide proof of immunisation, at least against Hepatitis B.

G.24.4.1.1 Curriculum outcomes

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

G.24.4.1.2 Articulation and exit point

Successful completion of the degree gives admission to the study for the master's degree in Cardiovascular Physiology or Occupational Hygiene and is subject to an academic selection process, as well as available capacity in the subject group.

G.24.4.1.3 Other rules

Additional requirement: STTK111 or a comparable statistics module.

G.24.4.1.4 CURRICULUM G623P: PHYSIOLOGY

Module code	Descriptive name	Credits	Semester
FLGX612*	Cardiovascular Physiology A	16	1
FLGX613*	Neurophysiology	16	1
FLGX614*	Toxicology A	16	1
FLGX615*	Research Methodology	8	1
FLGX616*	Cellular Physiology	16	1
FLGX624*	Toxicology B	16	2
FLGX625*	Endocrinology	16	2
FLGX627	Cardiovascular Physiology B	16	2
FLGX628	Occupational Hygiene Monitoring A	16	2
FLGX671*	Practical Project	32	1 and 2
Total credits for the curriculum		152	

Remarks:

- a) *The following modules are compulsory:
FLGX612, FLGX613, FLGX614, FLGX615, FLGX616, FLGX624, FLGX625, FLGX671
- b) ONE of the following modules should be chosen in consultation with the programme leader:
FLGX627, FLGX628

G.24.5 PROGRAMME: NUTRITION**Qualification code: 202132 (F + P)**

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

G.24.5.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General rule A.12.1), the following hold:

- a) BSc with Nutrition as major subject or an equivalent qualification;
- b) at least 60% in Nutrition at graduate level (VOED311,322);
- c) approval by the school director; and

- d) selection is subject to the student's academic performance and the available capacity in the subject group. Preference will be given to full-time students.

G.24.5.1.1 Curriculum outcomes

At the end of the curriculum, the student, as an entrepreneur in private practice, or in an established institution, should be able to identify and analyse nutrition-related problems in individuals and communities and plan creative and innovative nutrition intervention programmes.

G.24.5.1.2 Articulation and exit point

Successful completion of the qualification gives admission to the study for the master's degree in Nutrition.

G.24.5.1.3 CURRICULUM G625P: NUTRITION

Module code	Descriptive name	Credits	Semester
VOED621	Research Report	32	2
VOED672	Community Nutrition	32	1 & 2
VOED673	Advanced Nutrition Science	32	1 & 2
VOED674	Sport Nutrition	32	1 & 2
Total credits for the curriculum		128	

Remark:

*MBWB621 (16 credits) and MBWK671 (16 credits) may be chosen in the place of VOED672.

G.24.6 EXAMINATION

(See G.20.9 of this calendar.)

G.24.7 PROGRAMME: PSYCHOLOGY

Qualification code: 202133 (F + P)

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

G.24.7.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (A.12.1), the following Faculty admission requirements hold:

- a) A relevant bachelors degree;
- b) an academic selection in accordance with criteria laid down by the school; and
- c) selection aimed at psychometric, personal and skills development as applicable in the various programmes of the school.

G.24.7.2 Curriculum outcomes

The qualified student will be equipped with basic knowledge of and suitable attitudes regarding psychopathology, counselling and rendering of help, social and community psychology, research and statistical methods, and be able to conceptualise, develop and apply skills regarding preventative and capacity building programmes. Furthermore, the student will have at his/her disposal a thorough knowledge of psychometry, certain prescribed psychological tests and ethical aspects regarding professional behaviour.

G.24.7.2.1 Articulation and exit point

Successful completion of the degree gives admission to the master's degree in Psychology, provided that selection was successful.

G.24.7.2.2 CURRICULUM G626P: PSYCHOLOGY

Module code	Descriptive name	Credits	Semester
PSIG671	Psychometry	8	
PSIG672	Psychological Evaluation	16	
PSIG684	Research Methodology	8	
PSIG685	Theoretical Perspectives on Rendering Help	16	
PSIG688	Intervention Techniques	16	
PSIG689	Managing of Groups	8	
PSIG678	Psychopathology	16	
PSIG691	Community Psychology	16	
PSIG692	Facilitation of Community Welfare	16	
PSIG693	Ethics and Professional Behaviour	8	
STTK111	Descriptive Statistics	8	
STTK124	Practical Statistics	8	
Total credits for the curriculum		144	

G.25 RULES FOR THE DEGREE HONOURS BACCALAUREUS (CONSUMER SCIENCES)

Qualification code: 835100 (F + P)

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

The study may be done full-time or part-time.

G.25.1 DURATION OF THE STUDY

The minimum duration of the study is one year full-time and the maximum duration is two years full-time. For part-time study the minimum duration is two years and the maximum duration three years.

G.25.2 GENERAL ADMISSION REQUIREMENTS

- a) Admission to the honours study takes place according to General Rule A.12.1.
- b) The first registration for postgraduate programmes must take place no later than 30 November, as classes start in mid-January.
- c) Re-registration for ensuing years should take place before 31 January of every year.

G.25.3 PROGRAMME: CONSUMER SCIENCES

Firstly, the objective is to provide specialised career-oriented training to students who already hold a first degree in Consumer Sciences, enabling them to live up to the role of the consumer scientist within the retail and manufacturing industry, and to conduct consumer research as well as to find solutions to consumer-oriented problems and secondly, the objective is to improve the general quality of life of the South African consumer in society with their scientific knowledge and skills by acting in an advisory capacity or through the development and implementation of consumer-oriented educational programmes.

G.25.3.1 SPECIFIC ADMISSION REQUIREMENTS

- a) A BSc or B degree in Consumer Sciences. If not in possession of these qualifications, a complete academic record must be submitted as proof of the completion of prescribed major subjects (core modules).
- b) Admission to this degree occurs in consultation with the school director or his delegate, taking into account earlier academic achievements of the student. An average score of 60% in the BSc or B degree in Consumer Sciences or equivalent qualification as stipulated in G.25.3.1(a) is required. The average score is calculated according to undergraduate core modules of study years and ranking of students on a preference list.
- c) Admission is subject to available capacity in the subject group.
- d) Further requirements: Prerequisites as indicated against each module under G.25.3.1.3.

G.25.3.1.1 Curriculum outcomes

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

G.25.3.1.2 Articulation and exit point

Successful completion of the Hons B degree in Consumer Sciences gives access to master's study in Consumer Sciences and is subject to a selection process that is based on the student's academic performance and the available capacity in the subject group.

G.25.3.1.3 Other rules

Students who do not hold the three-year BSc degree in Consumer Sciences or the four-year B degree in Consumer Sciences, but who hold an equivalent qualification, must, to the satisfaction of the school director, take in the case of each of the following modules the opposite module(s) or equivalent modules before doing the relevant honours module. Students must formally apply for permission to register for the required modules at the University and must pass with an average of 60%.

VKLE671 VKLE211
VKLE672 VKLE111, VKLE323
VGHB671 VGHB351
VGHB672 VGHB121
VGHB673 VGHB115, VGHB321
VVDL672 VVDL111, VVDL323
VVDL673 VVDL111, VVDL223
*VVBG671 VVBG113

Comment: *Compulsory module for the qualification and will count towards admission. The same requirements as stated in G.25.3.1 apply for admission to the honours programme.

G.25.3.1.4 CURRICULUM G630P: CONSUMER SCIENCES

a) Compulsory Modules

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

- b) A student, in consultation with the school director, must choose another two modules from group A, B or C.

GROUP A

Module Code	Descriptive name	Credits
VGHB671	Housing and Community Development	24
VGHB672	Consumer Resource Management	24
VGHB673	Interior Design	24

GROUP B

Module Code	Descriptive name	Credits
VGHB672	Consumer Resource Management	24
VGHB673	Interior Design	24
VKLE671	Advanced Textiles	24
VKLE672	Advanced Fashion Industry	24

GROUP C

Module Code	Descriptive name	Credits
VGHB672	Consumer Resource Management	24
VVDL672	Food Product Development	24
VVDL673	Consumer Behaviour in Food	24

Credit total for curriculum	136
------------------------------------	------------

G.25.4

EXAMINATION

(See G.20.9 of this calendar.)

G.26 RULES FOR THE DEGREE HONOURS BACCALAUREUS SCIENTIAE (PHARMACOLOGY) – TELEMATIC

Qualification code: 840100 (Telematic)

The Hons BSc degree in Pharmacology is only presented on a telematic basis by the Potchefstroom Campus of the North-West University.

The programme/curriculum is only presented in English.

G.26.1 DURATION OF STUDY

- a) The **minimum duration of the study is one year** and the **maximum duration three years**.
- b) The programme is presented in such a manner that students can choose to do it in one or two years. It is recommended, however, that part-time students take the course over a period of two years.
- c) Students may also enrol for individual modules as certificate courses for purposes of continued professional development. A maximum of three modules may retain credit towards completion of the Hons BSc degree within a maximum period of three years.

G.26.2 GENERAL ADMISSION REQUIREMENTS

- a) Admission to honours programmes takes place in accordance with General Rule A.12.1.
- b) Registration can take place throughout the year.

G.26.3 PROGRAMME: PHARMACOLOGY

Continued professional development is an important and integral part of the South African strategy to improve public services. The programme in pharmacology is accredited by the Health Professions Council of South Africa (HPCSA) for the purpose of continued professional development (CPD) for medical practitioners. This programme aims at assisting the health care professionals in South Africa (medical practitioners, pharmacists, etc.) in practising more effective pharmacotherapy in the community medicine.

G.26.3.1 SPECIFIC ADMISSION REQUIREMENTS

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

- a) Admission is allowed only if the degree BSc(Pharm), BPharm, MBChB, BChD, or a qualification regarded by the Senate as equivalent to the above-mentioned degrees, was obtained;
- b) students with appropriate degrees in biological or biomedical sciences may, according to the judgement of the Faculty Board, obtain conditional admission, which implies that the student has to (1) prove competence in basic and computer skills, (2) successfully complete Module 2 (*basic*) and any choice from Modules 4 to 8 (*clinical*) for non degree purposes, (3) successfully complete an oral evaluation on the completed modules and (4) formally apply in writing to the Faculty Board for admission to the Hons

BSc degree programme in Pharmacology and for recognition of the completed modules for degree purposes; and

- c) students may, according to the judgement of the Faculty Board, be exempted from certain modules, or it may be expected from candidates to take additional course material.

G.26.3.2 CURRICULUM: PHARMACOLOGY

G.26.3.2.1 Curriculum outcomes

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

Students will be able to (1) demonstrate a sound knowledge of the basic pharmacological principles underlying drug therapy, (2) have an insight into the dynamics and kinetics of interactions between drugs, including a comprehensive range of drug groups, (3) evaluate existing drug prescriptions and advise the patient with regard to drug treatment, (4) synthesise individualised pharmacological treatment approaches for a wide range of disease states, (5) retrieve the latest information on drug treatment from the internet, (6) evaluate published clinical trials on drug treatment, (7) communicate individually and co-operatively in an Internet-based environment, (8) show a sensitivity for a patient-orientated approach to drug therapy, and (9) reason within the frame(work) of reference, addressing relevant ethical questions regarding drug uses.

G.26.3.2.2 Articulation

G.26.3.2.2.1 Vertically: The Hons BSc degree in Pharmacology gives admission to postgraduate studies, such as the MSc degree in Pharmacology, at this University and other universities, both nationally and internationally.

G.26.3.2.2.2 Certain modules are accredited at the Health Professions Council of South Africa (HPCSA) as educational activity for continued professional development (CPD) purposes.

G.26.3.2.3 CURRICULUM G640T: PHARMACOLOGY

- a) The curriculum consists of 11 modules.
- b) Module 1-8 and 13 are compulsory.
- c) Any two elective modules from modules 9-12 must also be included.
- d) Modules 1-8 and any two electives from 9-12 are prerequisites for Module 13.
- e) Modules 1-8 and the two elective modules may be completed in random order, although the suggested order is as indicated in the table.
- f) Basic computer and internet skills are prerequisites for this programme. Students must proof their computer and internet skills through successful completion of either a required pre-test, or Module FWWT671 (an eight-credit certificate course presented at the University).

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

Note:

a) ** = Electives (any two from Modules 9-12)

G.26.4 EXAMINATION (ASSESSMENT)

(See G.20.10 of this calendar)

*Subject to rule G.20.10. The compilation of the participation mark and module mark for each module is clearly defined in the study guide of each module.

G.27 RULES FOR THE DEGREE MAGISTER ARTIUM

G.27.1 RESEARCH FOCUS AREA

- a) Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured in the Research Focus Area 9.1 (AUTHeR).
- b) In the case of Social Work and Psychology, the Research Director is assisted by the Director of the School for Psycho-Social Behavioural Sciences and staff of the Subject Groups Social Work and Psychology.
- c) In the case of Human Movement Science and Recreation Science, the Research Director is assisted by the Director of the School for Biokinetics, Recreation and Sport Science and the staff of the Subject Groups Human Movement Science and Recreation Science.
- d) Apart from highly exceptional cases approved by the Senate, the research required for this qualification should thus be done in the Research Focus Area 9.1.

G.27.2 DURATION OF THE STUDY

- a) The study for the master's degree can be done full-time or part-time.
- b) The **minimum duration** of the study is **one year** and the **maximum duration three years**, calculated from the date of the first registration for the particular programme.
- c) General Rule A.13.5.2 governs the procedure for the extension of this period of study.

G.27.3 GENERAL ADMISSION REQUIREMENTS

- a) Admission to this qualification takes place according to the stipulations of General Rule A.13.1.
- b) A student registering for the first time for the master's degree should do so before 30 June of the year under consideration (applications close at the end of May).
- c) Re-registration for further study years should take place on or before 31 March of every year.
- d) Approval of the study programme and relevant rules take place according to the stipulations in General Rule A.13.4.
- e) A student may during his/her study switch from or change the programme/curriculum for which he/she has registered, only with written permission of the School Director and Research Director.

G.27.4 PROGRAMME: HUMAN MOVEMENT SCIENCE

Qualification code: 103180 (F + P)

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

G.27.4.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.13.1 and A.13.4), the following admission requirements to the School hold:

- a) an average academic mark of 60% in the honours year;
- b) passing a selection process as prescribed for every specialist field/programme of the School; and
- c) approval by the School and Research Focus Directors.

G.27.4.2 CURRICULUM: HUMAN MOVEMENT SCIENCE

G.27.4.2.1 Curriculum outcomes

The student will be equipped with advanced knowledge and skills to identify a relevant research problem within the field of Human Movement Science, to plan and execute a suitable quantitative and/or qualitative research design in a scientific and ethical way by using suitable research methods, techniques and procedures; to interpret research findings in a scientifically accountable way as well as compose a research report on them.

G.27.4.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Human Movement Science.

G.27.4.2.3 Other rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.
- b) A student has a choice between either a dissertation and one paper or a mini-dissertation and three papers, depending on the M programme of the School. The mini-dissertation/dissertation may also be submitted in article format.
- c) With approval of the School Director, a student who chooses G802 (Humanities) may replace one of the elective modules by an elective module in curriculum G806P (Natural Science Curriculum).
- d) With the approval of the school director a student who chooses G806P (Natural Science Curriculum) may replace one of the elective modules by an elective module in curriculum G802P (Humanities).

G.27.4.2.4 CURRICULUM G801P: DISSERTATION

Module code	Descriptive name	Credits
MBWV871	Dissertation	180
Total credits for the curriculum		180

G.27.4.2.5 CURRICULUM G802P: KINDERKINETICS

Module code	Descriptive name	Credits
MBWK873	Mini-dissertation	120
Two of the following:		
MBWK875	Kinderkinetics: Motor and Movement Stimulation for 0-3 year Olds	32
MBWK876	Kinderkinetics: Motor Therapy for Learning-related Problems	32
MBWK877	Health-promoting activities for young children	32
Total credits for the curriculum		184

G.27.4.2.6 CURRICULUM G806P: BIKINETICS

Module code	Descriptive name	Credits
MBWK873	Mini-dissertation	120
Two of the following:		
MBWB876	Biokinetics: Orthopaedic Rehabilitation	32
MBWB877	Biokinetics: Health promotion	32
MBWB878	Biokinetics Practice	32
Total credits for the curriculum		184

G.27.5 PROGRAMME: PSYCHOLOGY

**Qualification code: 103181 (V + D) (G813P) (Psychology [Research])
103183 (V + D) (G810P) (Clinical Psychology)
103184 (V + D) (G811P) (Counselling Psychology)**

- a) The programme consists of three curricula of which all are professional in nature. In developing these curricula, national and regional needs were taken into account by addressing them in the specific research focus area as indicated in G.1.1. In composing the curricula, consideration was given to career possibilities and manpower needs of our country. These curricula prepare the student for further postgraduate studies in Psychology.
- b) The Clinical, Counselling, and Research Psychology Programmes (professional training) give an opportunity for specialised and advanced training and are a prerequisite for registration as Psychologist at the Health Professions Council of South Africa (HPCSA).

G.27.5.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (A.13.1 & A.13.4), the following Faculty admission requirement holds:

Passing of an academic and personality screening at the completion of the honours degree for admission to the professional programme in Clinical, Counselling and Research Psychology

G.27.5.2 CURRICULUM: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM)**Qualification code: 103183****G.27.5.2.1 Curriculum outcomes**

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

G.27.5.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Psychology.

G.27.5.2.3 Other rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes.
- b) If the experiential progress is not as desired, the internship may be extended.

G.27.5.2.4 Calculation of module mark

There are five examination papers and a dissertation. The calculation of the papers to the dissertation is 1 : 1.

The fifth examination paper is the practical paper, consisting of two case studies and an oral examination. The calculation of the case studies to the oral examination is 1 : 1.

CURRICULUM G810P: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM)

Module code	Descriptive name	Credits
PSIK874	Psycho-pharmacology, Neuropsychology and Psychopathology A	20
PSIK875	Child Therapy and Pathology A	20
PSIK876	Therapeutic Techniques A1	20
PSIK877	Therapeutic Techniques A2	20
PSIK878	Practical Work A	20
PSIK872	Dissertation	100
Total credits for the curriculum		200

G.27.5.3 CURRICULUM: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM)**Qualification code: 103184****G.27.5.3.1 Curriculum outcomes**

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

G.27.5.3.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Psychology.

G.27.5.3.3 Other rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes.
- b) If the experiential progress is not as desired, the internship may be extended.

G.27.5.3.4 Calculation of module mark

There are five examination papers and a dissertation. The calculation of the papers to the dissertation is 1 : 1.

The fifth examination paper is the practical paper, consisting of two case studies and an oral examination. The calculation of the case studies to the oral examination is 1 : 1.

G.27.5.3.5 CURRICULUM G811P: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM)

Module code	Descriptive name	Credits
First year		
PSIV874	Psycho-pharmacology, Neuropsychology and Psychopathology B	20
PSIV875	Child Therapy and Pathology B	20
PSIV876	Counselling Techniques B1	20
PSIV877	Counselling Techniques B2	20
PSIV878	Practical Work B	20
PSIV872	Dissertation	100
Total credits for the curriculum		200

G.27.5.4 CURRICULUM: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM)

Qualification code: 103181

G.27.5.4.1 Curriculum outcomes

The student will meet the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Research Psychology and will be equipped with advanced knowledge and skills in the methodologies of formulating and studying relevant research questions in the various domains of Psychology and related disciplines. The student will be equipped to conduct research at individual, community and/or interdisciplinary level, utilise the necessary quantitative and/or qualitative techniques, conduct the research in an ethical and scientific manner, interpret results in a scientific manner, communicate results orally and write research reports.

G.27.5.4.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Psychology.

G.27.5.4.3 Other regulations

(a) A satisfactory record of conduct/functioning must be maintained continually by all students in the professional programmes.

(b) Should experiential progress not be as desired, the internship would be extended.

G.27.5.4.4 Calculation of module mark

Calculation of the examination papers to the dissertation is 1 : 1.

G.27.5.4.4.1 CURRICULUM G813P: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM)

Module code	Descriptive name	Credits
PSIM872	Dissertation	128
PSIM874	Critical Research Skills	16
PSIM875	Quantitative Research Methods	16
PSIM872	Qualitative Research Methods	16
PSIM877	Project Management	16
Total credits for the curriculum		192

G.27.6 PROGRAMME: RECREATION SCIENCE

Qualification code: 103182 (F + P)

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

G.27.6.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.13.1 & A.13.4), the following admission requirements hold for the School:

- a) An average academic mark of 60% in the honours year;
- b) passing of a screening process as prescribed by every specialisation field/programme of the School; and
- c) approval by the School and Research Focus Area Director.

G.27.6.2 CURRICULUM: RECREATION SCIENCE**G.27.6.2.1 Curriculum outcomes**

The student will be equipped with advanced knowledge and skills to identify a socially relevant problem within the field of Recreation Science, to develop and execute a suitable quantitative and/or qualitative research topic in a scientific and ethical way by using suitable research methods, techniques and procedures, to interpret the research findings in a scientifically accountable way and to write a research report on the project.

G.27.6.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Recreation Science.

G.27.6.2.3 Other rules

A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.27.6.2.4 CURRICULUM G815P: RECREATION SCIENCE

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

G.27.7 EXAMINATION

(See G.20.11 of this calendar.)

G.28 RULES FOR THE DEGREE MAGISTER ARTIUM (SOCIAL WORK)

Qualification code: 113104 (NB) (F + P)

113106 (NH) (F + P)

G.28.1 RESEARCH FOCUS AREA

- a) Research and training for obtaining this qualification in the Faculty of Health Sciences are structured in the Research Focus Area 9.1 (AUTHeR).
- b) Research and training in Social Work take place under the supervision of the Research Director, assisted by the Director of the School for Psycho-Social Behavioural Sciences and the staff of the Subject Group Social Work.
- c) Apart from highly exceptional cases that are approved by the Senate, the research for this qualification should be done in the Research Focus Area 9.1.

G.28.2 DURATION OF THE STUDY

- a) The study can take place full-time or part-time.
- b) The minimum duration of the study is one year and the maximum duration three years, calculated from the date of the first registration for the specific programme.
- c) General Rule A.13.5.2 lays down the procedure for extension of the study period.

G.28.3 GENERAL ADMISSION REQUIREMENTS

- a) Admission to this qualification takes place according to General Rule A.13.1.
- b) A student that registers for the first time for the master's degree should do it before 30 June of the specific year (applications close at the end of May).
- c) Re-registration for further study years should be done annually before 31 March.
- d) Approval of the study programme and relevant rules take place according to the stipulations of General Rule A.13.4.
- e) Students registering for this study programme should supply proof of registration as social workers as required by the *Act on Social Work 1978 (Act 110 of 1978)*.

G.28.4 PROGRAMME: SOCIAL WORK

The obtaining of this qualification gives students admission to doctoral study.

G.28.4.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (A.4), the following hold:

- a) Nobody is admitted to the MA(SW) degree unless he/she complies with the requirements of General Rule A.4, read together with General Rule A.13.1.
- b) Students admitted to this programme should have an honours degree in Social Work or a four-year BA degree with Social Work.
- c) Admission will be considered by taking into account the student's previous academic performance.
- d) Admission to the MA in Forensic Practice will take place by means of selection.
- e) Students registering for this programme/curriculum should supply proof of registration as social worker according to the *Act on Social Work, 1978 (Act 110 of 1978)*.

G.28.4.2 CURRICULUM: SOCIAL WORK

- a) The student has a choice between three curricula that consist of a dissertation or one of two structured courses.
- b) The dissertation option is meant for students who want to do research on a topic of their own choice within the Focus Area of the Subject Group Social Work and the Faculty of Health Sciences.
- c) The structured curricula are meant for students who want to extend their knowledge base and skills in Social Work on a broad base to practise at an advanced level, or who want to specialise in Social Work in Forensic Practice (with a focus on the child).

G.28.4.2.1 Curriculum outcomes

G.28.4.2.1.1 Collective outcomes

The student will be proficient in

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

G.28.4.2.1.2 Dissertation

The student should be able to

- a) identify a research problem in social work that is in line with the Research Focus Area of the School for Psycho-Social Behavioural Sciences;
- b) formulate and apply a research topic and procedure;
- c) present the research results in the form of a dissertation of high standard; and
- d) collaborate effectively in the research process with co-researchers, research teams, respondents, organisations and communities.

G.28.4.2.1.3 Structured programmes

G.28.4.2.1.3.1 The generic program

The student will be able to

- a) identify and assess social, personal and organisational problems within relevant context and plan and execute applicable interventions within the framework of a professional relationship, built on a set of ethical principles;
- b) manage other social workers' implementation of these strategies and cooperate effectively with other social workers and members of the multi-professional team as individuals as well as in groups;
- c) evaluate the intervention strategies, processes and results; and
- d) complete in the process a practice-related research project of a more limited scope than in the case of a research master's, and report on it.

G.28.4.2.1.3.2 The forensic program

The student should be able to

- a) manage and execute a full investigation process, using comprehensive theoretical knowledge which includes the evaluation of children in traumatic real life situations and planning of interventions in the accompanying process;
- b) apply the knowledge that he/she has of the relevant legislation correctly and act in court as an expert on sexual abuse in an ethical and correct manner; and
- c) undertake a practice-relevant research project and report on it in the form of an article by using suitable techniques and methods.

G.28.4.2.2 Articulation and exit point

The qualification enables the student to be admitted to the programme at doctoral level at all South African universities and possibly to foreign training institutions where Social Work is presented at postgraduate level.

G.28.4.2.3 Other rules

Students may be compelled during the first study year to complete certain modules (curriculum G823P) which will act as basic modules for the rest of the course.

G.28.4.2.4 Calculation of module mark

In the case of an MA (Social Work) in Forensic Practice:

Social Work research: A mini-dissertation (article format): 75% and a theoretical examination paper in research: 25%

The global mark entails:

Social Work research (theory and mini-dissertation): 50% and average of remaining modules: 50%.

G.28.4.2.5 CURRICULUM G820P: SOCIAL WORK (DISSERTATION)

Module code	Descriptive name	Credits
MWKR871	Dissertation	184
Total credits for the curriculum		184

G.28.4.2.6 CURRICULUM G823P: SOCIAL WORK IN FORENSIC PRACTICE

- a) The curriculum consists of 5 compulsory modules.
- b) Module NWKF874 consists of research theory and a mini-dissertation of limited scope. This module entails 96 credits and thus constitutes 50% of the curriculum G823P.

Module code	Descriptive name	Credits
MWKF874	Social Work Research: Theory and Practice	96
MWKF876	General Child's Assessment	24
MWKF877	Sexual and Physical Abuse	24
MWKF878	Trauma Assessment and Investigation Process	24
MWKF879	Report Writing and Social Worker as Expert in the Court	24
Credit total for the curriculum		192

G.28.4.2.7 CURRICULUM G824P: SOCIAL WORK (COURSEWORK MA)

- a) The curriculum consists of three compulsory modules and two elective modules.
- b) Regarding the module MWKF875, the student should select, in consultation with the subject leader, a theme from ONE of the under-mentioned specialised service fields and prepare a literature search on the theme according to prescribed guidelines. This should be handed in on a fixed date.
 - i) Social Work in geriatric context (24)
 - ii) Social Work in child and family care context (24)
 - iii) Social Work in penal context (24)
 - iv) Social Work regarding HIV/AIDS-related contexts (24)

- v) Social Work regarding poverty problems (24)
- vi) Social Work in the working place (24).
- c) The specialisation field should be related to the chosen research project (see G28.4.2.1.3).
- d) Module MWKF874 consists of research theory and a mini-dissertation of limited scope. This module entails 96 credits and therefore constitutes 50% of the curriculum G824P.

Module code	Descriptive name	Credits
The following three modules are compulsory:		
MWKF875	Specialised Social Work Services (See G.28.4.2.6 b above)	24
MWKF884	Generic Base of the Advanced Social Work Practice	24
MWKF874	Social Work Research: Theory and Practice	96
Select any two of the following modules:		
MWKM886	Advanced Clinical Social Work	24
MWKM887	Advanced Social Group Work	24
MWKM888	Advanced Community Work and Community Development	24
MWKM889	Advanced Social Work Management	24
Total credits for the curriculum		192

G.28.5 EXAMINATION

(Please see G.20.11 of this calendar.)

G.29 RULES FOR THE DEGREE MAGISTER CURATIONIS

Qualification code: 833100 (F + P)

G.29.1 RESEARCH FOCUS AREA, PROGRAMME AND EXPECTED OUTCOMES

- a) Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured in the Research Focus Area 9.1 (AUTHeR).
- b) Research and training in the various programmes indicated below take place under the supervision of the Research Director, assisted by the Director of the School of Nursing and the staff of the different subject groups in Nursing.
- c) Apart from highly exceptional cases that have to be approved by the Senate, the research that is required for this qualification should be done within the Research Focus Area 9.1.
- d) The following curricula may be chosen: Health Service Management, Health Science Education, Professional Nursing, Community Nursing, Psychiatric Community Nursing, Midwifery and Neonatal Nursing/Nursing.
- e) After obtaining the qualification, the student should be able to
 - i) facilitate the promotion, maintenance and restoring of health;
 - ii) demonstrate critical-analytical, problem-solving mental skills as well as apply ethical principles in the Nursing practice;
 - iii) integrate professional and personal values and norms in ethical-legal practising of Nursing;
 - iv) gather, analyse, organise and critically evaluate health information;
 - v) show awareness regarding the importance of effective learning strategies, responsible citizenship, culture sensitivity, teaching occupational affairs and entrepreneurial ability in Nursing;
 - vi) organise and manage himself/herself as well as activities in health;
 - vii) act as health service facilitator for the provision of Nursing of high quality;
 - viii) apply intra- and interpersonal skills, stress and conflict management to facilitate him/her as well as others in their striving for wholeness;
 - ix) work as an independent practitioner, leader and consultant together with other disciplines within the health care system and the community health services;
 - x) facilitate and manage change effectively;
 - xi) develop and implement standards for quality assurance;
 - xii) utilise and bring about reference sources or mobilise them by means of the development of networks;

- xiii) facilitate personal and professional development;
- xiv) contribute meaningfully to the formulation of policies in Nursing;
- xv) maintain professional excellence and capability by continuous learning; and
- xvi) use science and technology effectively and critically, showing responsibility regarding the environment and the health of others.

G.29.2 DURATION OF THE STUDY

- a) This qualification is presented in a workshop format at the Potchefstroom Campus.
- b) The **minimum duration** of the study is **one year** and the **maximum duration three years**, calculated from the date of the first registration for the specific programme.
- c) General Rule A.13.5.2 governs the procedure for the extension of the study period.

G.29.3 GENERAL ADMISSION REQUIREMENTS

- a) Admission to this qualification takes place according to General Rule A.13.1.
- b) A student registering for the first time for the master's degree should do so before 30 June of the specific year.
- c) Re-registration for the further study years should take place annually before or on 31 March.
- d) Approval of the study programme and relevant rules take place according to the stipulations in General Rule A.13.4.

G.29.4 PROGRAMME: RESEARCH MASTER'S DEGREE: (DISSERTATION)

The qualified student should be able to practise as a leader and independent practitioner together with other multi-disciplinary team members within the health care system. As nursing leader, he/she should be able to practise professional, comprehensive, high-quality, scientifically founded Nursing that is based on a calling. This nursing should be able to supply the needs of the time, the province, the country and the person. It should be directed to service, concern and culture sensitivity and should be based on the primary health approach. The advanced nurse should be in continual pursuit of personal and professional growth and health, as well as facilitating the patient's pursuit of health.

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

G.29.4.1 SPECIFIC ADMISSION REQUIREMENTS

G.29.4.1.1 In addition to the general admission requirements (G.29.3), the following hold:

- a) A student should supply proof that he/she has already obtained a first bachelor's degree or equivalent qualification¹.

- b) If a student wants to practise as a nurse in South Africa, he/she should supply proof of registration as nurse at the South African Council of Nursing at the beginning of every study year.
- c) To specialise in any of the nursing programmes/curricula, the student should supply proof of a special registration at the South African Council of Nursing, or of an equivalent registration if the student is not a South African citizen².
- d) To be admitted to any of the programmes/curricula, a student should have obtained at least 60% in the final modules of the specific specialisation field in the first B degree. The student is subjected to a selection process during which the director and supervisor of the particular study field/programme are present.
- e) The successful completion of Research Methodology (VPKM874) and the presentation of an acceptable research proposal is required for progress to the second study year.

G.29.4.1.2 Further stipulations:

G.29.4.1.2.1 *Community Nursing*

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

G.29.4.1.2.2 *Health Service Management*

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

G.29.4.1.2.3 *Health Science Education*

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

G.29.4.1.2.4 *Professional Nursing*

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

G.29.4.1.2.5 *Nursing*

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

G.29.4.2 Articulation and exit point

- a) Modules (Research Methodology, Nursing Dynamics, Intra- and Interpersonal Skills) that comply with the prescribed criteria and were completed at the North-West University or other universities within the preceding five years will be recognised if a student wishes to complete the programme at another university.

- b) Admission to PhD studies at the North-West University or at other universities may be granted.
- c) Exit point that articulates with other qualifications: After successfully completing the first study year, a student will be able to exit to a Magister Curationis in another field of Nursing, or a related field in health or teaching and continue with a master's degree. Admission to other postgraduate programmes in other disciplines or tertiary teaching organisations may also be possible, depending on the requirements and admission rules of the programme.

G.29.4.3 Calculation Of Module Mark

The module mark for MCur (Dissertation) is calculated as follows:

Dissertation: 60%

Research Methodology (examination paper 1): 20%

Research Methodology (examination paper 2): 20%

G.29.4.4 CURRICULUM: COMMUNITY NURSING

G.29.4.4.1 Curriculum outcomes

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

G.29.4.4.2 CURRICULUM G830P: COMMUNITY NURSING

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

G.29.4.5 CURRICULUM: HEALTH SERVICE MANAGEMENT

G.29.4.5.1 Curriculum outcomes

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

G.29.4.5.2 CURRICULUM G831P: HEALTH SERVICE MANAGEMENT

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

G.29.4.6 CURRICULUM: HEALTH SCIENCE EDUCATION**G.29.4.6.1 Curriculum outcomes**

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

G.29.4.6.2 CURRICULUM G832P: HEALTH SCIENCE EDUCATION

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

G.29.4.7 CURRICULUM: PROFESSIONAL NURSING**G.29.4.7.1 Curriculum outcomes**

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

G.29.4.7.2 CURRICULUM G833P: PROFESSIONAL NURSING

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

G.29.4.8 CURRICULUM: NURSING**G.29.4.8.1 Curriculum outcomes**

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

G.29.4.8.2 CURRICULUM G836P: NURSING

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

G.29.5 PROGRAMME: COURSEWORK MASTER'S DEGREE (MINI-DISSERTATION)

- a) After completing the degree as a nursing specialist, a student may register as an advanced nurse at the South African Council of Nursing. He/she should be able to practise effectively as a leader and independent practitioner together with other multi-disciplinary team members within the health care system. As a nursing leader, he/she should be able to practise professional, comprehensive, high-quality, scientifically founded Nursing. This Nursing should be able to supply in the needs of the time, the province, the country and the person. It will be directed at service, care and culture sensitivity and will be based on the primary health approach. The nursing specialist should be in continual pursuit of personal and professional growth and health and also facilitate the patient's pursuit of health.
- b) This programme includes Psychiatric Community Nursing, as well as Midwifery and Neonatal Nursing.

G.29.5.1 SPECIFIC ADMISSION REQUIREMENTS

G.29.5.1.1 In addition to the general admission requirements (G.29.3), the following hold:

- a) Students should supply proof that they have already obtained a first bachelors degree or equivalent qualification¹.
- b) If a student wants to practise as a nurse in South Africa, he/she should supply proof of registration as a nurse at the South African Council of Nursing at the beginning of every study year.
- c) To specialise in any of the Nursing programmes/curricula, the student should supply proof of a special registration at the South African Council of Nursing, or of an equivalent registration if the student is not a South African citizen².
- d) To be admitted to any of the programmes/curricula, a student should have obtained at least 60% in the final modules of the specific specialisation field in the first bachelor's degree. The student is subjected to a selection process during which the director and supervisor of the particular study field/programme are present.
- e) The successful completion of Research Methodology (VPKM874) and the presentation of an acceptable research proposal is required for progress to the second study year.

G.29.5.1.2 Further stipulations:

G.29.5.1.2.1 *Psychiatric Community Nursing*

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

The student will be subjected to psychometric tests as part of the selection process.

G.29.5.1.2.2 *Midwifery and Neonatal Nursing*

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

G.29.5.2 CURRICULUM: PSYCHIATRIC COMMUNITY NURSING

G.29.5.2.1 Curriculum outcomes

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

- a) facilitate the promotion, maintenance and restoring of mental health;
- b) demonstrate critical-analytical, problem-solving mental skills, as well as apply ethical principles in the nursing practice;
- c) integrate professional and personal values and norms in ethical-legal practising of Psychiatric Nursing;
- d) gather, analyse and evaluate mental health information critically;
- e) show awareness regarding the importance of effective learning strategies, responsible citizenship, culture sensitivity, teaching, occupational matters and entrepreneurial capabilities in Psychiatric Nursing;
- f) organise and manage effectively himself/herself and activities in Mental Health;
- g) facilitate psychiatric health care as a specialist researcher, practitioner, leader therapist, consultant and companion;
- h) apply intra- and interpersonal skills in the handling of stress and conflict to facilitate his/her own pursuit of wholeness, as well as that of others;
- i) work as an independent practitioner, leader and consultant together with other disciplines within the health care system and the community health services in order to promote, maintain and restore mental health, and to promote an effective lifestyle;
- j) apply advanced scientific principles regarding Psychiatric Community – Nursing;
- k) act as a health service facilitator to supply quality Psychiatric Nursing;
- l) utilise and bring about reference sources or mobilise them by means of the development of networks;
- m) create and/or use teaching opportunities to facilitate and optimise mental health;
- n) contribute significantly to the formulation of mental health policies in Nursing;
- o) maintain professional excellence and capability by continual learning; and
- p) use science and technology effectively and critically, showing responsibility regarding the environment and the health of others.

G.29.5.2.2 Articulation and exit points

- a) Modules (Research Methodology, Nursing Dynamics, Intra- and Interpersonal Skills) which comply with prescribed criteria and were completed at the North-West University or at other universities during the preceding 5 years are recognised if the student wants to complete the programme at another university.
- b) Admission to PhD studies at the North-West University or at other universities may be granted.
- c) Exit point that articulates with other qualifications: After successfully completing the first study year, a student will be able to exit to a Magister Curatoris in another field of Nursing, or a related field in health or teaching and continue with a master's degree. Admission to other postgraduate programmes in other disciplines or tertiary teaching organisations may also be possible, depending on the requirements and admission rules of the programme.

G.29.5.2.3 Calculation of module mark

The module mark for MCur (Mini-dissertation) is calculated as follows:

Mini-dissertation: 40%

Practical component (48-credit module): 20%

Research methodology (32-credit module): 10%

Remaining three modules (32 credits per module): each counts 10%

G.29.5.2.4 CURRICULUM G834P: PSYCHIATRIC NURSING

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

G.29.5.3 CURRICULUM: MIDWIFERY AND NEONATOLOGICAL NURSING

G.29.5.3.1 Curriculum outcomes

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

- a) facilitate the promotion, maintenance and restoring of the health of the mother and child;
- b) demonstrate critical-analytical, problem-solving mental skills, as well as apply ethical principles during the practise of midwifery and neonatological Nursing;

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

G.29.5.3.2 Articulation and exit points

- a) Modules (Research Methodology, Nursing Dynamics, Intra- and Interpersonal Skills) which comply with prescribed criteria and were completed at the North-West University or at other universities during the preceding 5 years are recognised if the student wants to complete the programme at another university.
- b) Admission to PhD studies at the North-West University or at other universities may be granted.
- c) Exit point that articulates with other qualifications: After successfully completing the first study year, a student will be able to exit to a Magister Curationis in another field of Nursing, or a related field in health or teaching and continue with a master's degree. Admission to other

postgraduate programmes in other disciplines or tertiary teaching organisations may also be possible, depending on the requirements and admission rules of the programme.

G.29.5.3.3 CURRICULUM G835P: MIDWIFERY AND NEONATOLOGICAL NURSING

Module code	Descriptive name	Credits
VPVS873	Mini-dissertation: Midwifery and Neonatological Nursing	112
VPVK874	The Specialist Midwife as Practitioner, Leader and Consultant	32
VPVK875	The Specialist Midwife as Clinician in Ante-, Intra- and Postpartum Context	32
VPVK876	The Specialist Midwife as Clinician in the Neonatal Context	32
VPVP884	Midwifery and Neonatological Nursing: Practicals	48
VPKN874	Research Methodology	32
Total credits for the curriculum		288

G.29.6 EXAMINATION

(See G.20.11 of this calendar.)

¹ An equivalent qualification may include the following:

- A three-year Nursing degree with a particular specialisation as a major.
- A four-year diploma in Nursing that leads to registration as a nurse (General, Community, Psychiatric and Midwife) and an advanced university diploma, e.g. in Health Science Education or Health Service Management.
- A four-year diploma in Nursing that leads to registration as a nurse (General, Community, Psychiatric and Midwife) and a three-year degree in Nursing, e.g. in Health Science Education or Health Service Management.
- A four-year BTech qualification with a specialisation as major and a one-year post-basic diploma in Nursing (with a specialisation as major).

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

- It may be expected from the student to subject his/her qualifications for evaluation to the South African Qualification Authority (SAQA).
- If SAQA determines that the qualifications of the student are equal or equivalent to those stated above, the school reserves the right to advise the student to obtain a bachelor's degree or a master's degree (whichever is applicable) first to get provisional selection (dependent on successful completion of Research Methodology [VPKN874] and the successful completion of the research proposal).

G.30 RULES FOR THE DEGREE MAGISTER PHARMACIAE

Qualification code: 803104 (F + P)

803104 (T)

G.30.1 RESEARCH GROUP, PROGRAMME AND OBJECTIVE

- a) Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured in the Research Group Managed Pharmaceutical Care and Pharmaco-economy.
- b) Research and training in the different programmes/curricula indicated below take place under supervision of the Director of the School of Pharmacy and staff of the Subject Group Clinical Pharmacy and Pharmacy Practice.
- c) Apart from highly exceptional cases that should be approved by the Senate, the research required for this qualification should be done within the Managed Pharmaceutical Care and Pharmaco-economy Research Group.
- d) The following curricula may be chosen for research-directed studies: Pharmacy Practice (G840P) and the structured curricula, namely Clinical Pharmacy (G842T), Hospital Pharmacy (G843T) and Community Pharmacy (G841T).
- e) The objective of the MPharm degree is to train postgraduate students to be capable of practising at a highly specialised level as specialised pharmacists with the aim of rendering a comprehensive pharmaceutical service to the people of South Africa.

G.30.2 DURATION OF THE STUDY

- a) The curriculum in Pharmacy Practice (G840P) may be taken full-time or part-time, while the other curricula are presented on a distance-training (telematic) basis.
- b) The **minimum duration** of the study is **one year** and the **maximum duration three years**, calculated from the date of first registration for the particular programme.
- c) General Rule A.13.5.2 governs the procedure for the extension of the study period.

G.30.3 GENERAL ADMISSION REQUIREMENTS

- a) Admission to this qualification takes place according to General Rule A.13.1.
- b) A student who registers for the first time for the master's degree should do it before 30 June of the specific year (applications close at the end of May).
- c) Re-registration for further study years should take place on or before 31 March of every year.
- d) Approval of the study programme and relevant rules take place according to the stipulations in General Rule A.13.42.

G.30.4 PROGRAMME: PHARMACY

The objective of this qualification is the training of postgraduate students to be capable of practising at a highly specialised level as specialised pharmacists with the aim of rendering an efficient and comprehensive pharmaceutical service to the people of South Africa.

G.30.4.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the General Rules of the University regarding admission (General Rule A.4) and registration (General Rule A.5), as well as the specific rules for a master's degree (General Rule A.13.1), the following rules hold for the degree MPharm:

- a) A BPharm degree or an equivalent qualification approved by the Senate is required. In the case of a three year BScPharm degree, such additional module as determined by the specific director of the specific school is required.
- b) If the standard of proficiency that the student who wants to study further has reached previously in the specific subject(s) does not comply with the requirements for the specific programme/curriculum, the school director may refuse admission to a programme/curriculum.
- c) Suitable experience in the field of the specific programme/curriculum is a requirement for the specific programme/curriculum.

G.30.4.2 CURRICULUM: PHARMACY PRACTICE

G.30.4.2.1 Curriculum outcomes

The student will be able to: (1) execute advanced functions of a pharmacist, (2) act as a leader in the profession and in the functions of the pharmacist profession, (3) apply Research Methodology, and (4) do problem-solving.

G.30.4.2.2 Articulation

This qualification gives admission to post-master's degree study at the NWU or other universities that present PhD programmes in this field of study.

G.30.4.2.3 CURRICULUM G840P: PHARMACY PRACTICE

The programme consists of a research project in a research field within the suitable research focus area and culminates in the writing of a dissertation. A participation mark is composed from the attendance/completion of specific courses which, according to the opinion of the specific supervisor, may be important for the student in the completion of his/her study. The courses are indicated and set out in the "Information document for master's degree study" in the School of Pharmacy.

Module code	Descriptive name	Credits
FPMG871	Dissertation	184
Total credits for the curriculum		184

G.30.4.3 CURRICULUM: COMMUNITY PHARMACY**G.30.4.3.1 Curriculum outcomes**

As a community pharmacist, the student will be able to practise at a specialised level by providing a comprehensive pharmaceutical service.

G.30.4.3.2 Articulation

This qualification gives admission to post-master's degree study at the NWU and other universities that present PhD programmes in this study field.

G.30.4.3.3 Other rules

It is expected from all students to do a course in Research Methodology.

G.30.4.3.4 CURRICULUM G841T: COMMUNITY PHARMACY

The programme is a structured curriculum, presented on a distance-training (telematic) basis in the form of four compulsory modules and a mini-dissertation, as well as four elective modules. The elective modules are chosen in consultation with the supervisor.

Module code	Descriptive name	Credits
First semester		
REKP111	Pharmaceutical Management II: Financial Accountancy	16
BSKT221*	Pharmaceutical Management III: Personnel Psychology	16
BSKT311*	Organisational Psychology	16
FMIA613	Biopharmaceutics	16
FMIA614	Stability of Pharmaceutical Products	16
FPHA611	Introduction to Pharmaco-economy	16
FPHA612*	Managed Pharmaceutical Care	16
FPHA613	Health Management and Drug Use Evaluation	16
Second semester		
FPHA621	Pharmacotherapy I	16
FPHA622	Pharmacotherapy II	16
FPHA623*	Pharmaco-epidemiology	16
FPHA624	Legislation and Quality Control	16
OMBT121*	Pharmaceutical Management I: Entrepreneurship	16
OMBT221	Pharmaceutical Management IV: Marketing management	16
FPGA873*	Mini-dissertation	56
Total credits for the curriculum		184

REMARK:

*= Compulsory modules

G.30.4.4 CURRICULUM: CLINICAL PHARMACY**G.30.4.4.1 Curriculum outcomes**

The student will be able to practise as a clinical pharmacist with specialised knowledge of clinical aspects of pharmacy, specifically geared at diseases and the treatment thereof.

G.30.4.4.2 Articulation

This qualification gives admission to post-master's degree study at the NWU or other universities that present PhD programmes in this field of study.

G.30.4.4.3 Other rules

It is expected from all students to do a course in Research Methodology.

G.30.4.4.4 CURRICULUM G842T: CLINICAL PHARMACY

- a) The programme is a structured curriculum that is presented on a distance-training (telematic) basis in the form of four compulsory modules and a mini-dissertation, as well as elective modules to a maximum of 64 credits, chosen in consultation with the supervisor.
- b) Basic computer and internet skills are a prerequisite for this curriculum. It implies that the student should supply proof of these skills to the satisfaction of the supervisor/programme coordinator. These skills may be obtained by completing a certificate course (Module FWWT671) at the University.

Module code	Descriptive name	Credits
First semester		
FPHA612	Managed Pharmaceutical Care	16
FMIA613	Biopharmaceutics	16
FWWT671	Basic Computer and Internet Skills	8 – certificate course
FKLT631	Principles of Pharmacokinetics	8
FKLT632	Principles of Pharmacodynamics	16
FKLT633	Drugs for Pain, Inflammation, Fever and Respiratory Tract Infections	16
FKLT641	Drugs and the Peripheral Nervous System	8
FKLT642	Chemotherapy of Infections and Infestations	16
Second semester		
FPHA621*	Pharmacotherapy I	16
FPHA622*	Pharmacotherapy II	16
FPHA623*	Pharmaco-epidemiology	16
FKLT651	Drugs and the Central Nervous System	16
Continue on the next page		

Module code	Descriptive name	Credits
FKLT652	Hormones, Hormonoids and Hormone antagonists	16
FKLT661	Drugs for the Renal and Cardiovascular Systems	16
FPFA873*	Mini-dissertation	56
Any one of the following four modules:		
FKLT662	Drugs for the SVK and Skin Deviations	8
FKLT663	Vitamins, Hematopoietics and Immunopharmacology	8
FKLT664	Advanced Pharmacological Principles	8
FKLT665	Evidence-based Medicine	8
Total credits for the curriculum		184

REMARK:

*=Compulsory modules

G.30.4.5 CURRICULUM: HOSPITAL PHARMACY

G.30.4.5.1 Curriculum outcomes

The student will be able to practise at a specialised level as a hospital pharmacist by supplying comprehensive pharmaceutical service in the hospital environment.

G.30.4.5.2 Articulation

This qualification gives admission to post-master's degree study at the NWU or other universities that present PhD programmes in this field of study.

G.30.4.5.3 Other rules

It is expected from all students to do a course in Research Methodology.

G.30.4.5.4 CURRICULUM G843T: HOSPITAL PHARMACY

The programme is a structured curriculum that is presented on a distance-training (telematic) basis in the form of four compulsory modules and a mini-dissertation, as well as four elective modules chosen in consultation with the supervisor.

Module code	Descriptive name	Credits
First semester		
BSKT221*	Pharmaceutical Management III: Personnel Psychology	16
BSKT311	Organisational Psychology	16
FMIA613	Biopharmaceutics	16
FMIA614	Stability of Pharmaceutical Products	16
FPHA611	Introduction to Pharmaco-economy	16
FPHA612*	Managed Pharmaceutical Care	16

Module code	Descriptive name	Credits
FPHA613	Health Management and Drugs Use Evaluation	16
REKP111	Pharmaceutical Management II: Financial Accountancy	16
Second semester		
FMA624	New and Biotechnological Products	16
FPHA621	Pharmacotherapy I	16
FPHA622	Pharmacotherapy II	16
FPHA623	Pharmaco-epidemiology	16
FPHA624*	Legislation and Quality Control	16
FPHA625	Medicine Supply Systems	16
OMBT121*	Pharmaceutical Management I: Entrepreneurship	16
OMBT221	Pharmaceutical Management IV: Marketing management	16
FPHA873*	Mini-dissertation	56
Total credits for the curriculum		184

REMARK:

*= Compulsory modules

G.30.5

EXAMINATION

(See G.20.11 of this calendar.)

G.31 RULES FOR THE DEGREE MAGISTER SCIENTIAE

G.31.1 RESEARCH FOCUS AREAS AND PROGRAMMES

- a) Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured within the various research focus areas.
- b) Research and training in the Centre of Excellence for Nutrition can occur in one of the following curricula:
 - i) Dietetics (School of Physiology, Nutrition and Consumer Sciences)
 - ii) Nutrition (School of Physiology, Nutrition and Consumer Sciences)
- c) Research and training in Research Unit 9.1 (AUTHeR) can occur in one of the following curricula:
 - i) Occupational Hygiene (School of Physiology, Nutrition and Consumer Sciences)
 - ii) Physiology (School of Physiology, Nutrition and Consumer Sciences)
 - iii) Human Movement Sciences (School of Biokinetics, Recreation and Sport Science)
 - iv) Psychology (School of Psychosocial Behavioural Sciences)
- d) Research and training in Research Focus Area 9.2 (Drug Research and Development) take place in the School of Pharmacy in one of the following curricula:
 - i) Pharmacology
 - ii) Pharmaceutical Chemistry
 - iii) Pharmaceutics
- e) Research and training take place under supervision of the research director, assisted by the directors of the specific school as indicated above and staff of the various subject groups.
- f) Apart from highly exceptional cases that have to be approved by the Senate, the research required for this qualification should be done within the research focus areas.
- g) During their study, students may change the programme/curriculum for which they have registered only with the written consent of the school director and research director.

G.31.2 DURATION OF THE STUDY

- a) This qualification may be obtained in one of the programmes and curricula that are further described below. The professional training may only be done full-time, while the academic training may be done full-time or part-time.
- b) The minimum duration of the study is one year and the maximum duration is three years, calculated from the date of first registration for the specific programme.

- c) General Rule A.13.5.2 governs the procedure for the extension of the study period.

G.31.2.1 GENERAL ADMISSION REQUIREMENTS

- a) Admission to this qualification takes place according to General Rule A.13.1.
- b) A student that registers for the first time for the master's degree should do it before 30 June of the specific year (applications close the end of May).
- c) Re-registration for the further study years should take place annually, before or on 31 March.
- d) Approval of the study programme and relevant rules take place according to the stipulations in General Rule A.13.4.

G.31.3 PROGRAMME: OCCUPATIONAL HYGIENE

Qualification code: 203160 (NH) (F + P)

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

G.31.3.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements in the A Rules (A.13.1), the following admission requirements apply:

- a) The student must be in possession of a relevant honours bachelors degree or equivalent qualification;
- b) at least 60% in Physiology (or equivalent qualification) at honours level;
- c) approval by the school director;
- d) selection is subject to available capacity.

G.31.3.2 CURRICULUM: OCCUPATIONAL HYGIENE

G.31.3.2.1 Curriculum outcomes

The qualified student should be equipped with advanced knowledge and skills to identify a relevant research problem within the field of Occupational Hygiene and to plan and execute a suitable quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures, to interpret the research finding in a scientifically accountable way and to compose a research report on it. The student will have the capability to function as an occupational hygienist in the profession.

G.31.3.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Occupational Hygiene and is subject to an academic selection process as well as the available capacity of the subject group.

G.31.3.2.3 Other rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by the students.
- b) Four examination papers and a mini-dissertation should be completed during the curriculum.

G.31.3.2.4 Calculation of the module mark

The module mark is calculated as follows: Mini-dissertation: 50% and the average of four modules: 50%.

G.31.3.2.5 CURRICULUM G851P: OCCUPATIONAL HYGIENE

Module code	Descriptive name	Credits
FLGX883	Mini-dissertation	96
FLGX884	Occupational Hygiene Monitoring B	24
FLGX885	Vibration, Heat and Ergonomic Factors	24
FLGX886	Labour Legislation	24
FLGX887	Personal Protection Equipment and Radiation	24
Total credits for the curriculum		192

Remark:

The attending and passing of a NOSA course in Occupational Hygiene and Safety are compulsory.

G.31.4 PROGRAMME: DIETETICS**Qualification code: 203169 (F + P)**

If the admission requirements are met, it is possible to register directly for this programme after a four-year BSc (Dietetics).

G.31.4.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.13.1), the following admission requirements hold:

- a) For admission to the MSc in Dietetics, the student should have obtained at least 60% in VTRP314, VTRP321, VOED323 and VNAV471 or equivalent modules.
- b) Introductory Descriptive Statistics (STTK111) or an equivalent is a prerequisite for admission to the MSc in Dietetics.
- c) Selection is subject to the student's academic performance and the available capacity in the subject group. Preference will be given to full-time students.

G.31.4.2 CURRICULUM: DIETETICS**G.31.4.2.1 Curriculum outcomes**

The student should be equipped with advanced knowledge and skills to identify a relevant research problem within the field of Dietetics, to plan and execute a

suitable quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures, to interpret the research findings in a scientifically accountable way, to compose a research report on it and to show leadership in Nutrition care in South Africa.

G.31.4.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Dietetics.

G.31.4.2.3 Calculation of the module mark

In the case of MSc Dietetics (Mini-dissertation), the module mark is calculated as follows:

Mini-dissertation: 50% and average of 3 modules: 50%

G.31.4.2.4 CURRICULUM G851P: DIETETICS (MINI-DISSERTATION)

Module code	Descriptive name	Credits
VOED873	Mini-dissertation	96
VOED874*	Community Nutrition	32
VOED875*	Advanced Nutrition Science	32
VOED876*	Sport Nutrition	32
VOED877*	Therapeutic Nutrition	32
VOED878*	Food Service Management	32
Total credits for the curriculum		192

Remark:

*= Selective modules (any three modules)

G.31.4.2.5 CURRICULUM G875P: DIETETICS (DISSERTATION)

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

G.31.5 PROGRAMME: PHARMACY

Qualification code: 203162 (NH) (F + P)

203170 (NB) (F + P)

- The MSc degree in the various curricula is a research-based degree and consists of a research project and the writing of a dissertation in one of the following curricula: Pharmaceutical Chemistry (G852P), Pharmacology (G853P) or Pharmaceutics (G854P).
- The aim of the curricula is to provide in South Africa's need of high-level manpower in the pharmacy profession. The student will distinguish himself/herself as a specialist in the specific chosen field (programme) and will be capable of applying Research Methodology at this level and in the specific field of study.
- The curricula are presented full-time and part-time in Afrikaans and English.

G.31.5.1 SPECIFIC ADMISSION REQUIREMENTS

- a) Admission to a specific curriculum takes place by virtue of a selection by the research director of the school and/or the school director. The research director or school director may refuse a prospective student admission to a curriculum if the standard of proficiency that the student has reached previously in the specific subject(s) in which he/she wants to study does not comply with the specific curriculum requirements.
- b) Apart from exceptions that the Senate may approve, the admission requirements for the Pharmaceutical Chemistry (G852P) and Pharmaceutics (G854P) curricula are a four-year BPharm degree, a BScPharm degree, a suitable honours degree or a qualification which the Senate deems to be equivalent. In the case of a three-year BPharm or BScPharm degree, additional course work will be required as determined by the specific programme coordinator. For the Pharmacology programme (G853P) an Hons BSc degree in Pharmacology, a four-year BPharm degree or an equivalent qualification, approved by the Senate, is required.

G.31.5.2 Calculation of the module mark

- a) The module mark is calculated for the different subject groups as set out in the "Information document for master's degree study" in the Unit for Drug Research and Development, which is provided to all students.
- b) Where the evaluation of the dissertation is supplemented by an oral evaluation, the examination mark is calculated from the evaluation mark for the dissertation and the oral mark. The ratio of the dissertation to the oral in calculating the module mark will be determined by the relevant subject group in consultation with the school director and/or research director.

G.31.5.3 CURRICULUM: PHARMACEUTICAL CHEMISTRY

G.31.5.3.1 Curriculum outcomes

The student will be able to (1) do advanced functions of a pharmacist, (2) act as a leader in the profession and functions of the pharmacist profession, (3) apply Research Methodology, and (4) do problem-solving.

G.31.5.3.2 Articulation

The MSc degree in this curriculum gives admission to the student to the PhD degree at the NWU or other universities which present such a degree in the specific field, while it also gives admission to other master's degrees at the NWU and other pharmacy schools.

G.31.5.3.3 CURRICULUM G852P: PHARMACEUTICAL CHEMISTRY

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

Module code	Descriptive name	Credits
FCHG871	Dissertation	184
Total credits for the curriculum		184

G.31.5.4 CURRICULUM: PHARMACOLOGY

G.31.5.4.1 Curriculum outcomes

The student will be able to (1) do advanced functions of a pharmacist, (2) act as a leader in the profession and functions of the pharmacist profession, (3) apply Research Methodology, and (4) do problem-solving.

G.31.5.4.2 Articulation

The MSc degree in this curriculum gives admission to the student to the PhD degree at the NWU or other universities which present such a degree in the specific field, while it also gives admission to other master's degrees at the NWU and other pharmacy schools.

G.31.5.4.3 CURRICULUM G853P: PHARMACOLOGY

The curriculum consists of a research project in a research field within the suitable focus area, culminating in the writing of a dissertation. A participation mark is accrued from the attendance/completion of specific modules which, according to the relevant supervisor, may be of importance to the student at the completion of his/her study. The modules are indicated and described in the "Information document for master's degree study" in the Unit for Drug Research and Development.

Module code	Descriptive name	Credits
FKLG871	Dissertation	184
Total credits for the curriculum		184

G.31.5.5 CURRICULUM: PHARMACEUTICS

G.31.5.5.1 Curriculum outcomes

The student will be able to (1) do advanced functions of a pharmacist, (2) act as a leader in the profession and functions of the pharmacist profession, (3) apply Research Methodology, and (4) do problem-solving.

G.31.5.5.2 Articulation

The MSc degree in this curriculum gives the student admission to the PhD degree at the NWU or other universities which present such a degree in the specific field, while it also gives admission to other master's degrees at the NWU and other pharmacy schools.

G.31.5.5.3 CURRICULUM G854P: PHARMACEUTICS

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

Module code	Descriptive name	Credits
FMSG871	Dissertation	184
Total credits for the curriculum		184

G.31.6 PROGRAMME: PHYSIOLOGY

Qualification code: 203163 (NH) (F + P)

203171 (NB) (F + P)

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

G.31.6.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements in the A Rules (A.13.1), the following admission requirements apply:

- a) The student must be in possession of a relevant honours bachelors degree or equivalent qualification;
- b) at least 60% in Physiology (or equivalent qualification) at honours level;
- c) approval by the school director;
- d) selection is subject to available capacity; and
- e) the student should provide proof of immunisation, at least against Hepatitis B.

G.31.6.2 CURRICULUM: PHYSIOLOGY

G.31.6.2.1 Curriculum outcomes

The student should be equipped with advanced knowledge and skills to identify a relevant research problem within the field of Health Sciences, or Cardiovascular Physiology in particular, to plan and execute a suitable quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures, to interpret the research finding in a scientifically accountable way and to compose a research report on it.

G.31.6.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Physiology and is subject to an academic selection process and the available capacity in the cardiovascular research group.

G.31.6.2.3 Other rules

A satisfactory behaviour and functioning record should be maintained on a continual basis by the students.

G.31.6.2.4 CURRICULUM G855P: PHYSIOLOGY

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

G.31.7 PROGRAMME: HUMAN MOVEMENT SCIENCE

Qualification code: 203164 (NH) (F + P)

203172 (NB) (F + P)

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

G.31.7.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.13.1), the following admission requirements of the school hold:

- a) An average academic mark of 60% obtained in the honours year;
- b) passing of a selection process as prescribed for every specialisation field/programme of the school; and
- c) approval by the school director/programme leader.

G.31.7.2 CURRICULUM: HUMAN MOVEMENT SCIENCE**G.31.7.2.1 Curriculum outcomes**

The student should be equipped with advanced knowledge and skills to identify a relevant research problem within the field of Human Movement Science, to plan and execute a suitable, quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures, to interpret the research findings in a scientifically accountable way and to compose a research report on it.

G.31.7.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Human Movement Science.

G.31.7.2.3 Other rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.
- b) A student has a choice between either a dissertation and one paper or a mini-dissertation and three papers in accordance with the master's programme of the school.
- c) With approval of the school director, a student who chooses the Humanities curriculum G857P may substitute one of the elective modules for an elective module in curriculum G861P (Natural Science curriculum).

- d) With approval of the school director, a student who chooses the Natural Science curriculum G861P may substitute one of the elective modules for an elective module in curriculum G857P (Humanities curriculum).

G.31.7.2.4 CURRICULUM G856P: DISSERTATION

Module code	Descriptive name	Credits
MBWV871	Dissertation	180
Total credits for the curriculum		180

G.31.7.2.5 CURRICULUM G857P: KINDERKINETICS

Module code	Descriptive name	Credits
MBWK873	Mini-dissertation	120
Two of the following:		
MBWK875	Kinderkinetics: Motor and Movement Stimulation for 0-3-year-old Children	32
MBWK876	Kinderkinetics: Motor Therapy for Learning-related Problems	32
MBWK877	Health-promoting Activities for Young Children	32
Total credits for the curriculum		184

G.31.7.2.6 CURRICULUM G861P: BIKINETICS

Module code	Descriptive name	Credits
MBWK873	Mini-dissertation	120
Two of the following:		
MBWB876	Biokinetics: Orthopaedic Rehabilitation	32
MBWB877	Health-promoting Activities for Young Children	32
MBWB878	Biokinetics Practice	32
Total credits for the curriculum		184

G.31.8 PROGRAMME: PSYCHOLOGY

Qualification code: 203165 (F + P) (G868P) (Psychology [Research])

203176 (F + P) (G865P) (Clinical Psychology)

203177 (F+ P) (G866P) (Counselling Psychology)

- a) Three curricula are composed in this programme and all are professional in nature. In composing the curricula, consideration was given to career possibilities and the manpower need of our country. These curricula also prepare the student for further postgraduate study in Psychology.
- b) The Clinical, Counselling and Research Psychology programmes (professional training) give the opportunity for specialised and advanced training and are prerequisites for registration as a Psychologist at the Health Professions Council of South Africa (HPCSA).

G.31.8.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.13.1), the following Faculty admission requirement holds:

For admission to the professional curricula, the student should pass an academic and personality selection at the completion of the honours degree.

G.31.8.2 Calculation of the module mark

There are five examination papers and a dissertation. The calculation of the papers to the dissertation is 1 : 1.

The fifth examination paper is the practical paper, consisting of two case studies and an oral examination. The calculation of the case studies to the oral examination is 1 : 1.

G.31.8.3 CURRICULUM: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM)

Qualification code: 203176 (F + P) (G865P) (Clinical Psychology)

G.31.8.3.1 Curriculum outcomes

The student will adhere to the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Clinical Psychology and will be equipped with specialised and advanced knowledge and skills to deliver curative services, to diagnose and prevent pathology and to promote biopsychosocial, as well as primary, secondary and tertiary welfare in individuals, families, organisations and communities.

G.31.8.3.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Psychology.

G.31.8.3.3 Other rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by the students in the professional programs.
- b) If experiential progress is not satisfactory, the internship may be extended.

G.31.8.3.4 CURRICULUM G865P: CLINICAL PSYCHOLOGY (STRUCTURED CURRICULUM)

Module code	Descriptive name	Credits
PSIK874	Psycho-pharmacology, Neuropsychology and Psychopathology A	20
PSIK875	Child Therapy and Pathology A	20
PSIK876	Therapeutic Techniques A1	20
PSIK877	Therapeutic Techniques A2	20
PSIK878	Practical Work A	20
PSIK872	Dissertation	100
Total credits for the curriculum		200

G.31.8.4 CURRICULUM: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM)

Qualification code: 203177 (F + P) (G866P) (Counselling Psychology)

G.31.8.4.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Counselling

Psychology and will be equipped with specialised and advanced knowledge and skills to deliver curative services, to diagnose and prevent pathology, and to promote bio-psychosocial health, as well as primary, secondary and tertiary welfare in individuals, families, organisations and communities.

G.31.8.4.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Psychology.

G.31.8.4.3 Other rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by the students in the professional programs.
- b) If experiential progress is not satisfactory, the internship may be extended.

G.31.8.4.4 CURRICULUM G866P: COUNSELLING PSYCHOLOGY (STRUCTURED CURRICULUM)

Module code	Descriptive name	Credits
PSIV874	Psycho-pharmacology, Neuropsychology and Psychopathology B	20
PSIV875	Child Therapy and Pathology B	20
PSIV876	Counselling Techniques B1	20
PSIV877	Counselling Techniques B2	20
PSIV878	Practical Work B	20
PSIV872	Dissertation	100
Total credits for the curriculum		200

G.31.8.5 CURRICULUM: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM)

Qualification code: 203165 (F + P) (G868P) (Psychology [Research])

G.31.8.5.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Research Psychology and will be equipped with advanced knowledge and skills in the methodologies of formulating and examining applicable research questions in the various domains of psychology. The student will be equipped to conduct research at individual, community and/or interdisciplinary level, to utilise the necessary quantitative and/or qualitative techniques, to conduct the research in an ethical and scientific manner, to interpret results in a scientific manner, to communicate results orally and to write research reports.

G.31.8.5.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Psychology.

G.31.8.5.3 Other rules

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

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

G.31.8.5.4 CURRICULUM G868P: RESEARCH PSYCHOLOGY (STRUCTURED CURRICULUM)

Module code	Descriptive name	Credits
PSIM872	Dissertation	128
PSIM874	Critical Research Skills	16
PSIM875	Quantitative Research Skills	16
PSIM876	Qualitative Research Skills	16
PSIM877	Project Management	16
Total credits for the curriculum		192

G.31.9 PROGRAMME: NUTRITION

Qualification code: 203166 (F + P)

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

G.31.9.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general admission requirements (General Rule A.13.1), the following hold:

- a) A student that has obtained the MBChB degree may be admitted to the degree MSc (Nutrition) if his/her inadequate knowledge is improved to the satisfaction of the School Director for Physiology, Nutrition and Consumer Sciences;
- b) to be admitted to the MSc in Nutrition, the student should have obtained at least 60% in the honours study; and
- c) selection is subject to the academic performance of the student and the available capacity in the subject group. Preference will be given to full-time students.

G.31.9.2 CURRICULUM: NUTRITION

G.31.9.2.1 Curriculum outcomes

The student should be equipped with advanced knowledge and skills to identify a relevant research problem within the field of Nutrition, to plan and execute a suitable quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures, to interpret the research findings in a scientifically accountable way, to compose a research report on it and to play a leading role in Nutrition Care in South Africa.

G.31.9.2.2 Articulation and exit point

Successful completion of the degree gives admission to the PhD degree in Nutrition.

G.31.9.2.3 Calculation of module mark

In the case of MSc Nutrition (Mini-dissertation), the module mark is calculated as follows:

Mini-dissertation: 50% and average of 3 modules: 50%

G.31.9.2.4 CURRICULUM G870P: NUTRITION

A student has a choice between either a dissertation or a mini-dissertation and three papers, depending on the previous learning and the master's programme of the school.

Module code	Descriptive name	Credits
VOED873	Mini-dissertation	96
VOED874	Community Nutrition	32
VOED875	Advanced Nutrition Science	32
VOED876	Sport Nutrition	32
Total credits for the curriculum		192

G.31.9.2.5 CURRICULUM G871P: NUTRITION

Module code	Descriptive name	Credits
VOED871	Dissertation	192
Credit mark total for the curriculum		192

G.31.10 EXAMINATION

(See G.20.11 of this calendar.)

G.32 RULES FOR THE DEGREE MAGISTER CONSUMER SCIENCES

Qualification code: 836100 (F + P)

G.32.1 RESEARCH FOCUS AREA AND PROGRAMME

- a) Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured in the Research Focus Area 9.1 (AUTHeR).
- b) Research and training in the curriculum of Consumer Sciences take place under the supervision of the Research Director, assisted by the Director of the School of Physiology, Nutrition and Consumer Sciences and the staff of the Subject Group Consumer Sciences.
- c) Apart from highly exceptional cases that have to be approved by the Senate, the research required for this qualification should be done within the Research Focus Area 9.1.

G.32.2 DURATION OF THE STUDY

- a) This study may be done full-time or part-time.
- b) The **minimum duration** of study is **one year full-time and two years part-time**. The **maximum duration** is **three years**.
- c) General Rule A.13.5 lays down the procedure for the extension of the study period.

G.32.3 GENERAL ADMISSION REQUIREMENTS

- a) Admission to this qualification takes place according to General Rule A.13.1.
- b) A student registering for the master's degree for the first time should do so before 30 November of the specific year, as classes start in January of the following year.
- c) Re-registration for further study years should take place on or before 31 March of every year.
- d) Approval of the study programme and relevant rules take place according to the stipulations in General Rule A.13.4.

G.32.4 PROGRAMME: CONSUMER SCIENCES

G.32.4.1 SPECIFIC ADMISSION REQUIREMENTS

- a) Admission to this programme takes place with consideration of the student's previous academic performance. An average academic mark of 60% in the honours programme or equivalent 4-year B Consumer Sciences programme is required.
- b) Admission to this curriculum takes place with consideration of the specific subject combinations that a student completed at graduate or honours level.

- c) STTK111 or an equivalent statistics course/module is required as a prerequisite, or an additional requirement in the case of projects requiring quantitative methods and result calculations.
- d) Students will only be admitted to the programme if sufficient capacity is available.

G.32.4.2 CURRICULUM: CONSUMER SCIENCES

G.32.4.2.1 Curriculum outcomes

After completion of the qualification, the student will be equipped with knowledge as well as the relevant research skills, enabling him/her to add value to the activities arising from this curriculum from a Christian perspective.

G.32.4.2.2 Articulation and exit point

Successful completion of the study gives admission to the PhD degree in Consumer Sciences and is subject to an academic selection process and the available capacity in the subject group.

G.32.4.2.3 Other rules

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

G.32.4.2.4 CURRICULUM G880P: CONSUMER SCIENCES (DISSERTATION)

Module code	Descriptive name	Credits
VERB872	Dissertation	144
VERB876	Consumer behaviour and research methodology	40
Total credits for the curriculum		184

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

G.32.4.2.5 CURRICULUM G881P: CONSUMER SCIENCES (MINI-DISSERTATION)

Module code	Descriptive name	Credits
VNAV871	Mini-dissertation	96
VERB876	Consumer behaviour and research methodology	40
Choice modules: The students must choose one of the following modules:		
VGHB874	Advanced Consumer Resource Management	48
VKLE874	Advanced Textiles	48
VKLE878	Specialised Fashion Industry	48
VVDL874	Advanced Food	48
Total credits for the curriculum		184

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

G.32.5 EXAMINATION
(See G.20.11 of this calendar.)

G.33 RULES FOR THE DEGREE PHILOSOPHIAE DOCTOR

G.33.1 RESEARCH FOCUS AREA AND PROGRAMMES

G.33.1.1 Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured in the various research focus areas.

G.33.1.2 Research and training in the Centre of Excellence for Nutrition can take place in one of the following directions or programmes:

- a) Dietetics (School of Physiology, Nutrition and Consumer Sciences)
- b) Nutrition (School of Physiology, Nutrition and Consumer Sciences)

G.33.1.3 Research and training in Research Focus Area 9.1 (AUTHeR) may take place in one of the following fields/programmes:

- a) Occupational Hygiene (School of Physiology, Nutrition and Consumer Sciences)
- b) Physiology (School of Physiology, Nutrition and Consumer Sciences)
- c) Social Work (School for Psycho-Social Behavioural Sciences)
- d) Human Movement Science (School of Biokinetics, Recreation and Sport Science)
- e) Psychology (School of Psycho-Social Behavioural Sciences)
- f) Recreation Science (School of Biokinetics, Recreation and Sport Science)
- g) Consumer Sciences: General (School of Physiology, Nutrition and Consumer Sciences)
- h) Family Resource Management (School of Physiology, Nutrition and Consumer Sciences)
- i) Clothing (School of Physiology, Nutrition and Consumer Sciences)
- j) Community Nursing (School of Nursing)
- k) Health Service Management (School of Nursing)
- l) Health Science Education (School of Nursing)
- m) Professional Nursing (School of Nursing)
- n) Psychiatric Community Nursing (School of Nursing)
- o) Midwifery and Neonatological Nursing (School of Nursing)
- p) Nursing (School of Nursing)

G.33.1.4 Research and training in Research Focus Area 9.2 (Drug Research and Development) take place in one of the following curricula:

- a) Pharmaceutical Chemistry (School of Pharmacy)
- b) Pharmaceutics (School of Pharmacy)
- c) Pharmacology (School of Pharmacy)

- G.33.1.5 Research and training in the Managed Pharmaceutical Care and Pharmacoeconomy research group take place in the following curricula:
- a) Clinical Pharmacy
 - b) Pharmacy Practice
- G.33.1.6 Research and training in the research focus areas take place under supervision of the research director, assisted by the directors of the specific school as indicated above and staff of the various subject groups.
- G.33.1.7 Apart from highly exceptional cases that should be approved by the Senate, the research required for this qualification should take place within the research focus areas.
- G.33.1.8 Students may only change from the programme/curriculum for which they were registered during their study with the written approval of the school directors and research directors.

G.33.2 DURATION OF THE STUDY

- a) The **minimum duration** of the study is **two years** and the **maximum duration four years**, calculated from the date of first registration for the specific programme.
- b) Exemption of a part of the study period or credits takes place according to General Rule A.14.5.2.
- c) Extension of the study period takes place according to General Rules A.14.6 and A.13.5.2.

G.33.3 GENERAL ADMISSION REQUIREMENTS

- a) Admission to this qualification takes place according to General Rule A.14.1.
- b) A student who registers for the first time for the doctor's degree should do so before 30 June of the specific year (applications close at the end of May).
- c) Re-registration for the further study years should take place before 31 March of every year.
- d) Approval of the study programme and the procedure should take place according to the stipulations of General Rule A.14.4.

G.33.4 PROGRAMME: OCCUPATIONAL HYGIENE

Qualification code: 805104 (F + P)

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

G.33.4.1 SPECIFIC ADMISSION REQUIREMENTS

Admission to this programme takes place after obtaining the master's degree (General Rule A.14.1). In addition to the general admission requirements, the following additional admission requirements apply:

- a) At least 60% in Occupational Hygiene (or equivalent qualification) at master's level;
- b) approval by the school director; and
- c) selection is subject to available capacity in the Occupational Hygiene group.

G.33.4.2 CURRICULUM: OCCUPATIONAL HYGIENE

G.33.4.2.1 Curriculum outcomes

Over and above the outcomes and criteria as described at the first general-formative BSc degree, Hons BSc degree and MSc degree, the student in this curriculum will

- a) have the relevant capability in applicable quantitative and/or qualitative Research Methodology and scientific report writing;
- b) be able to integrate the above-mentioned skills on the basis of a thorough investigation of existing knowledge as reflected by relevant scientific literature;
- c) be able to identify a relevant research problem in scientific discipline;
- d) execute the necessary research to find a solution to the problem;
- e) evaluate the results scientifically in the context of the problem statement; and
- f) communicate the results scientifically.

G.33.4.2.2 Articulation and exit point

The student will be equipped to continue with independent learning in related specialisation areas at other institutions or industries, nationally or internationally.

G.33.4.2.3 CURRICULUM G901P: OCCUPATIONAL HYGIENE

Module	Descriptive name	Credits
FLGB971	Thesis	384
Total credits for curriculum		384

G.33.5 PROGRAMME: DIETETICS

Qualification code: 805105 (F + P)

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

so, a contribution will be made to the broadening of the leadership base for innovative and knowledge-based nutrition care in the country.

G.33.5.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general rules of the University regarding admission (General Rule A.4) and registration (General Rule A.5), as well as the specific rules for Doctor's degrees (General Rule A.14.1), the following rules for the PhD degree hold:

- a) Students will only be admitted to the PhD degree in this programme if they have a suitable MSc degree or a qualification which the Senate considers as equivalent.
- b) Students should pass an academic selection (60%) at the completion of the master's degree.

G.33.5.2 CURRICULUM: DIETETICS

G.33.5.2.1 Curriculum outcomes

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

G.33.5.2.2 CURRICULUM G905P: DIETETICS

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

G.33.6 PROGRAMME: PHARMACY

Qualification code: 805106 (F + P)

- a) The PhD degree is a research-based degree and consists of a study (research project) and a thesis in one of the following curricula: Pharmacy, Pharmaceutical Chemistry, Pharmacology or Pharmacy Practice.
- b) The curricula are presented on a full-time and part-time basis in Afrikaans and English.
- c) This curriculum has a dual aim, namely:
 - i) for the student who has reached the level of a master's degree in the Pharmaceutical Sciences and Practice, to show with a doctoral thesis that he/she has made a significant contribution to the development of (1) new scientific knowledge, and/or (2) new skills in a specific research field, thus making an addition of value to the community in the fields of knowledge and skills in his/her specific field, and
 - ii) to provide South Africa with advanced pharmaceutical scientists and practising manpower with advanced theoretical and practical knowledge in different pharmaceutical-scientific and practice disciplines. With this qualification the student can contribute to a

broadening of the leadership base for innovative and knowledge-based economic and scholastic activities in the country.

G.33.6.1 SPECIFIC ADMISSION REQUIREMENTS

Admission to the program/curriculum takes place according to selection by the director of the research focus area of the School and the School Director. The School Director or the director of the research focus area may refuse admission to a prospective student to a programme/curriculum if the standard of proficiency that the student has acquired previously in the specific subject(s) in which the student wants to study further does not meet the requirements of the specific programme/curriculum.

G.33.6.2 CURRICULA

G.33.6.2.1 Curriculum outcomes

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

G.33.6.2.2 Articulation and exit point

This qualification gives the student admission to postdoctoral studies at various universities.

G.33.6.2.3 Other rules

In the case where a student gets permission to present a thesis in the form of published research articles or unpublished manuscripts in article format, the stipulations of General Rules A.14.4.2, A.13.7.3, A.13.7.4 and A.13.7.5 (with the necessary adaptations) hold.

G.33.6.2.4 CURRICULUM G910P: PHARMACEUTICAL CHEMISTRY

Module code	Descriptive name	Credit
FCHG971	Thesis	360
Total credits for the curriculum		360

G.33.6.2.5 CURRICULUM G911P: PHARMACEUTICS

Module code	Descriptive name	Credit
FMSG971	Thesis	360
Total credits for the curriculum		360

G.33.6.2.6 CURRICULUM G912P: PHARMACOLOGY

Module code	Descriptive name	Credit
FKLG971	Thesis	360
Total credits for the curriculum		360

G.33.6.2.7 CURRICULUM G913P: PHARMACY PRACTICE

Module code	Descriptive name	Credit
FPKG971	Thesis	360
Total credits for the curriculum		360

G.33.7 PROGRAMME: PHYSIOLOGY**Qualification code: 805107 (F + P)**

- a) The aim of the qualification is to enable a student who has already obtained a master's degree in the field of Cardiovascular Physiology, or a qualification which is recognised as equivalent, to provide proof by means of a doctoral thesis that he/she made a definite scientific contribution to the development of new knowledge and/or applicable skills.
- b) A further aim of the qualification is to provide South Africa with scientific researchers that have a broad expertise and practical skills in the Health Science, with specialisation and mastership in Cardiovascular Physiology.

G.33.7.1 SPECIFIC ADMISSION REQUIREMENTS

Admission to this programme/curriculum occurs after completion of the master's degree (General Rule A.14.1). In addition to the general admission requirements, the following additional admission requirements apply:

- a) At least 60% in Physiology (or equivalent qualification) at M level;
- b) approval by the School Director;
- c) selection is subject to available capacity in the cardiovascular research group; and
- d) the student should provide proof of immunisation, at least against Hepatitis B.

G.33.7.1.1 Curriculum outcomes

Over and above the outcomes and criteria as described by the first general formative BSc degree, Hons BSc degree and MSc degree, the student in this curriculum should

- a) have applied proficiency in relevant quantitative and/or qualitative Research Methodology and scientific report writing;
- b) be able to integrate the above-mentioned skills on the basis of a thorough investigation of existing knowledge as reflected by relevant scientific literature;
- c) be able to identify a relevant research problem in a scientific discipline;
- d) be able to execute the required research for the solution of the problem;

- e) be able to evaluate the results scientifically in the context of the problem statement; and
- f) be able to communicate the results scientifically.

G.33.7.1.2 Articulation and exit point

The student will be equipped to continue independently with further learning and research in related fields of specialisation at research institutions, both nationally and internationally.

G.33.7.1.3 CURRICULUM G915P: PHYSIOLOGY

Module	Descriptive name	Credits
FLGX971	Thesis	384
Total credits for curriculum		384

G.33.8 PROGRAMME: SOCIAL WORK

Qualification code: 805108 (F + P)

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

G.33.8.1 SPECIFIC ADMISSION REQUIREMENTS

- a) Admission to this programme/curriculum takes place after obtaining the master's degree in Social Work and with consideration of the student's previous academic performance.
- b) Students registering for this programme/curriculum should supply proof of registration as a social worker according to the *Act on Social Work, 1978 (Act 110 of 1978)*.
- c) The student chooses a topic in consultation with the subject head and his/her promoter with the reservation that the topic will fall within the approved focus area of both the Subject Group Social Work and the Faculty of Health Sciences.

G.33.8.2 CURRICULUM: SOCIAL WORK

G.33.8.2.1 Curriculum outcomes

The student will be skilled in

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

- f) the distribution of the newly obtained knowledge to social workers and other relevant role players.

G.33.8.2.2 Articulation and exit point

The qualification enables the student to be admitted to programmes at postdoctoral level at overseas universities.

G.33.8.2.3 CURRICULUM G920P: SOCIAL WORK

Module code	Descriptive name	Credits
MWKD971	Thesis	360
Total credits for the curriculum		360

G.33.9 PROGRAMME: HUMAN MOVEMENT SCIENCE

Qualification code: 805109 (F + P)

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

G.33.9.1 SPECIFIC ADMISSION REQUIREMENTS

The student should pass an academic selection (60%) at the completion of the master's degree.

G.33.9.2 CURRICULUM: HUMAN MOVEMENT SCIENCE

G.33.9.2.1 Curriculum outcomes

The student should be equipped with advanced knowledge and skills to identify a socially relevant research problem within the field of Human Movement Science, to plan and execute a suitable quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures, and to interpret the research findings in a scientifically accountable way that makes a significant contribution to the study field of Human Movement Science.

G.33.9.2.2 Articulation and exit point

The qualification creates the opportunity for postdoctoral research in Human Movement Science.

G.33.9.2.3 CURRICULUM G925P: HUMAN MOVEMENT SCIENCE

Module code	Descriptive name	Credits
MBWK971	Thesis	360
Total credits for the curriculum		360

G.33.10 PROGRAMME: PSYCHOLOGY

Qualification code: 805110 (F + P)

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

the development of this curriculum, national and regional needs were addressed in the specific research focus area as indicated in G.1.1.

G.33.10.1 SPECIFIC ADMISSION REQUIREMENTS

The student should pass an academic selection at the completion of the master's degree.

G.33.10.2 CURRICULUM: PSYCHOLOGY

G.33.10.2.1 Curriculum outcomes

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

G.33.10.2.2 Articulation and exit point

The qualification gives admission to postdoctoral study in Psychology.

G.33.10.2.3 CURRICULUM G930P: PSYCHOLOGY

Module code	Descriptive name	Credits
PSIG971	Thesis	360
Total credits for the curriculum		360

G.33.11 PROGRAMME: RECREATION SCIENCE

Qualification code: 805111 (F + P)

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

G.33.11.1 SPECIFIC ADMISSION REQUIREMENTS

The student should pass an academic selection (60%) at completion of the master's degree.

G.33.11.2 CURRICULUM: RECREATION SCIENCE

G.33.11.2.1 Curriculum outcomes

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

G.33.11.2.2 Articulation and exit point

The qualification creates the opportunity to postdoctoral research in Recreation Science.

G.33.11.2.3 CURRICULUM G935P: RECREATION SCIENCE

Module code	Descriptive Name	Credits
RKKX971	Thesis	360
Total credits for the curriculum		360

G.33.12 PROGRAMME: CONSUMERS SCIENCES

Qualification code: 805112 (F + P)

- a) The PhD degree comprises the planning and execution of a research project and the writing of a thesis.
- b) One curriculum, namely Consumer Sciences General, leads to this qualification. The student can focus on Family Resource Management, Clothing or Food.

G.33.12.1 SPECIFIC ADMISSION REQUIREMENTS

Admission to this degree takes place after obtaining a master's degree with consideration of the student's previous academic performance. Students will only be admitted to the programme if sufficient capacity is available.

G.33.12.2 CURRICULUM: CONSUMER SCIENCES: GENERAL

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

G.33.12.2.1 Curriculum outcomes

The student will be able to

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

G.33.12.2.2 Articulation and exit point

The qualification will give the student admission to programmes at a postdoctoral level at other universities, nationally as well as internationally, and is subject to a selection process that will be based on the student's academic performance and the available capacity in the subject group.

G.33.12.2.3 Other rules

The curriculum and the topic are chosen in consultation with the School Director and/or the Research Director and Supervisor, with the reservation that

the topic will fit into the approved focus area programmes of both the Consumer Sciences and the Faculty of Health Sciences.

G.33.12.2.4 CURRICULUM G940P: CONSUMER SCIENCES

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

G.33.13 PROGRAMME: NURSING

Qualification code: 805113 (F + P)

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

G.33.13.1 SPECIFIC ADMISSION REQUIREMENTS

- a) Before registration, students should apply for selection on the prescribed application form that is available at the office of the specific school director.
- b) To be admitted to the PhD, the student should follow a doctoral study programme. These particulars are available at the office of the school director.
- c) Before presenting the research proposal to the Research Committee, the student should defend it during a seminar.
- d) The student should also present his/her findings in a doctoral seminar.

G.33.13.2 CURRICULA

One of the following curricula may be chosen: Community Nursing, Health Service Management, Health Science Education, Professional Nursing, Psychiatric Community Nursing, Midwifery and Neonatological Nursing, and Nursing.

G.33.13.2.1 Curriculum outcomes

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

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

h) initiate and maintain networks at national and international level.

G.33.13.2.2 Articulation and exit points

- a) The programme gives admission to postdoctoral studies at other universities as well as at the North-West University.
- b) Outcomes that articulate with other qualifications: The student will be able to exit to related health or teaching fields and continue with the PhD study in that field.

G.33.13.2.3 CURRICULUM G950P: COMMUNITY NURSING

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

G.33.13.2.4 CURRICULUM G951P: HEALTH SERVICE MANAGEMENT

Module code	Descriptive name	Credits
VPBP971	Thesis	360
Total credits for the curriculum		360

G.33.13.2.5 CURRICULUM G952P: HEALTH SCIENCE EDUCATION

Module code	Descriptive name	Credits
VPOP971	Thesis	360
Total credits for the curriculum		360

G.33.13.2.6 CURRICULUM G953P: PROFESSIONAL NURSING

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

G.33.13.2.7 CURRICULUM G954P: PSYCHIATRIC COMMUNITY NURSING

Module code	Descriptive name	Credits
VPEP971	Thesis	360
Total credits for the curriculum		360

G.33.13.2.8 CURRICULUM G955P: MIDWIFERY and NEONATOLOGICAL NURSING

Module code	Descriptive name	Credits
VPVP971	Thesis	360
Total credits for the curriculum		360

G.33.13.2.9 CURRICULUM G956P: NURSING

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

G.33.14 PROGRAMME: NUTRITION

Qualification code: 805114 (F + P)

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

G.33.14.1 SPECIFIC ADMISSION REQUIREMENTS

In addition to the general rules of the University regarding admission (A.4) and registration (A.5), as well as the specific rules for doctor's degrees (A.14.1), the following rules hold for the PhD degree:

- a) Students will only be admitted to the PhD degree in this programme if they have a suitable MSc degree or a qualification the Senate deems equivalent;
- b) students should pass an academic selection (60%) at completion of the master's degree; and
- c) selection is subject to the student's academic performance and the available capacity in the subject group.

G.33.14.2 CURRICULUM: NUTRITION

G.33.14.2.1 Curriculum outcomes

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

G.33.14.2.2 CURRICULUM G960P: NUTRITION

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

G.33.15 EXAMINATION

Where applicable, the stipulations of General Rules A.8 and A.14.7 also hold for this qualification.

G.33.15.1 Requirements for a thesis

A thesis should comply with the requirements as stipulated in General Rule A.14.8.

G.33.15.2 Submission procedure

The procedure for the submission of a thesis is described in General Rule A.14.7.9

G.33.15.3 Examination

Examination of the thesis takes place according to the stipulations in General Rule A.14.7.

G.33.15.4 Other directions

Consult General Rules A.14.14, A.14.15, A.14.16 and A.14 17.

G.33.16 TERMINATION OF THE STUDY

A student's study may be terminated according to the stipulations in General Rule A.9.