

THE UNIVERSITY OF THE FREE STATE

FACULTY OF HEALTH SCIENCES

YEARBOOK

POSTGRADUATE DEGREES AND DIPLOMAS

2013



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DEFINITIONS

In order to ensure greater clarity and uniform interpretation, the meanings of the following words that appear in the General Institutional Rules (EM 22/11/06) are defined below:

Additional modules

Additional modules are those modules taken in addition to the minimum number required for a particular qualification.

Admission mark

The year, semester or module mark applicable to the admission requirement for end-assessment in the module.

Assessor

The lecturer responsible for a particular module, who sets the questions and marks the examination scripts or assesses the oral and/or practical examinations.

Assessment

This is the process by means of which students' level of competency is determined and should be conducted by making use of a variety of assessment methods, over a period of time and in a variety of contexts.

Assessment mark

The mark or combined mark earned during an assessment in a paper or papers that are used in assessing a module.

Assessment paper

A form of assessment that consists of a set of questions, in oral and/or written format, on a module(s) or parts thereof, which students have to respond to during an assessment opportunity.

Assessment period

The period at the end of each semester, as indicated in the University calendar, during which assessments are conducted.

Cancelled

A module for which a student registered can be cancelled before a date determined in the University calendar and such module will not be reflected on the student's academic record. (EM 05/09/2005)

Combined mark

The calculated average of the semester/module/year mark and assessment mark, rounded off to a full percentage point.

Comprehensive dissertation

60 – 128 credits

Comprehensive mini-dissertation OR publishable, mutually related article(s) (implies finalised research comprising literature and a study). (EM 05/09/2005) (EM03/09/2007)

Core modules

Mainstream modules

Continuation module

The continuation module concerned serves as preparatory study for the following study year. The final mark obtained in a continuation module is transferred to the following study year. There are no pass requirements in respect of a continuation module.

Continuous assessment

Continuous assessment forms part of the assessment of a module on continuous basis by means of a variety of assessment methods.

Curriculum

A curriculum consists of related modules from different disciplines that form part of the programme over the specified period in which students must achieve the stated learning outcomes.

Development modules

Development modules in extended programmes

Discipline

A specialised and demarcated field of study.

Dissertation – 130 credits

Extensive dissertations or publishable related article(s) (implied rounded off research consisting of literature and a study). (EM 3/9/2007).

Electives

Optional modules/subjects

End assessment (summative assessment):

End assessment is summative in nature and aimed at determining whether the student has achieved the required level of competence as stated in the learning outcomes. End assessment is aimed at integrating the various components of the particular module.

Examination mark

The combined mark obtained by a student for a particular examination paper or papers of a module.

Examination paper

A form of assessment consisting of a set of questions, oral and/or written, on a module(s) or part of a module that students have to respond to during an assessment opportunity.

Examination period

The period at the end of every semester, as indicated in the university calendar, during which examinations are conducted.

External assessment

External assessment refers to external examination and/or external moderation and/or external assessment of standards.

External assessor

A person who is not in the permanent employment of the University and who marks examination scripts or assesses oral and/or practical assessments.

External moderator

A person who is not in the permanent employment of the University and who ensures that assessment is conducted in accordance with specified learning outcomes and the required level of competence.

Failed module

A module that has been failed.

Final mark

The combined mark calculated on the basis of the module mark and the examination mark and rounded off to a percentage whole number.

Half-year mark

The calculated average, rounded off to a percentage point, of a student's written, oral and/or practical work during the semester in a particular module and calculated in accordance with the stipulations of the faculty concerned.

Internal moderator

A person who is in the permanent employment of the University and who sees to it that assessment is conducted in accordance with the specified learning outcomes and at the required level of competence.

Learning outcomes

A learning outcome refers to the contextually demonstrated end product of the learning process. An exit-level outcome is the learning outcome that the qualifying student must achieve at the stage of exiting the programme leading to the particular qualification. A specific learning outcome is contextually demonstrated knowledge, skills and values that support one or more critical outcomes and represents a particularisation of the exit-level outcomes.

Learning programme

A learning programme refers to the structure for cumulative learning that a student is required to successfully complete in mastering the exit-level outcomes of a qualification. This structure consists of a related combination of modules/learning units, expressed in an outcomes-based format, and which have an academic and/or professional/career-related focus. Students may access the learning programme at various points or levels, and also exit the learning programme at meaningful points or levels.

Major modules

Modules the student passed on the highest level in a particular curriculum or modules indicated as being major modules by the faculty regulation concerned.

Minor Dissertation – 32 - 59

A scientific document of lesser extent than a thesis or dissertation produced by a student. (EM 5/9/2005) (EM 3/9/2007).

Module

A module is a coherent, self-contained learning unit designed to achieve a set of particular learning outcomes. In a modular qualification structure a module has a standard size and an assigned weighting and level in the programme. A module can fulfil a fundamental, core and elective function in a programme.

Module exemptions

Exemption will be granted for any learning, irrespective of how it was acquired, at NQF Level 4 or higher where relevance on the basis of RPL guidelines (assessed proof of prior learning) of more than 50 % can be proved. Exemption will be granted for admission to and/or the completion of a qualification and will be credit bearing. A prescribed process will be followed. (EM 05/09/2005).

Module mark

The calculated mark, rounded off to a percentage whole number, obtained for a student's written, oral and/or practical work in a particular module and calculated in the manner set out in the module guide.

Notional learning hours

Notional learning hours imply the informed estimate of the average learning time an average student will require to achieve the minimum learning outcome(s). Such learning time includes contact time, practical work, independent and guided study and examination time. One credit is equivalent to ten notional learning hours.

Occasional student

An occasional student is a person who satisfies these three(3) conditions:

- He/she satisfies the statutory requirements for entry into the formally approved qualification offered by the institution.
- He/she is, with the approval of the dean enrolled for a module which forms part of the curriculum of a formally approved qualification.
- He/she is not registered for an approved qualification.

These criteria imply that those following bridging or pre-tertiary modules (below NQF level 5) must not be classified as occasional students. (EM 22/11/06).

Programme

A programme is the structure within which the cumulative learning that a student is required to complete successfully to master the exit-level outcomes of a qualification is indicated. This structure consists of a related combination of modules/learning units, expressed in outcomes-based format and having an academic and or professional/career-orientated focus. Students may access the programme at different points or levels and may also exit at meaningful points or levels.

Promotional module

A promotional module is presented over a period of one year, following which students sit for an end-assessment. Over and above other pass requirements a student must fulfil particular promotional requirements to be promoted to the next study year.

Qualification

In an outcomes-based approach, a qualification refers to the certification of the achieved learning outcomes of a programme, expressed as an accumulation of credits at specific levels. A qualification represents the demonstrated performance of a student in a planned and goal-directed combination of learning outcomes which are aimed at equipping students with applied competence and a foundation for further learning.

Recipient of certificates and diplomas/graduates

A student who meets the minimum requirements of the particular qualification and who, after assessment, has achieved the required level of competence.

Registration

An annual contractual agreement entered into by the University and the student in terms of prescribed procedures.

Script

A scientific document produced by a student where the scope of the text is less than that of a dissertation or a thesis.

Semester guide

A guide that organises certain aspects regarding modules. The dates in the guide may change according to revisions effected by the Executive Management, UFS Calendar and/or the Management of the School of Medicine.

Semester system

This implies that the academic year will be divided into two independent semesters, and assessment conducted at the end of each semester.

Semester mark

The calculated average, rounded off to a full percentage point, of a student's written, oral and/or practical work during the semester in a particular module, and calculated in accordance with the stipulations of the faculty concerned.

Short dissertation

Less than 32 credits.

Short dissertation; implies finalised research comprising literature and study. (EM 5/9/2005).

Statute

The statute of the University of the Free State, as amended and promulgated in accordance with section 32 of the Higher Education Act, 1997 (Act 101 of 1997 as amended), which is, in terms of the provisions of section 33 of said act, published with the approval of the Minister of Education.

Students

A student is a person who satisfies the following four (4) conditions:

He/she must be in possession of either a Senior Certificate with endorsement, or Certificate with endorsement, or Certificate without endorsement, or must be admitted at the Senate's discretion.

- He/she must also comply with the specific admission/selection requirements as set by the University/faculty.
- He/she must be enrolled for a module which is included in the curriculum of at least one (1) qualification which has been formally approved by the Minister of Education.
- He/she must have been active in that module on or before the census day prescribed by the institution. (EM 22/11/06).

Syllabus

A grouping of learning material of a specific module methodically spread over the semesters/years.

Year mark

The calculated average, rounded off to a percentage point, of a student's written, oral and/or practical work during the year in a particular module and calculated according to the stipulations of the faculty concerned.

DEGREES AND DIPLOMAS

Besides degrees and diplomas which the University may introduce in the future, the following degrees and diplomas can be obtained in the Faculty of Health Sciences:

SCHOOL FOR ALLIED HEALTH PROFESSIONS

Degree	Abbreviation	Minimum duration	Code
Magister Degrees:			
Magister in Occupational Therapy.....	M.Occupational Therapy	2 yrs	8770
Magister Scientiae in Dietetics (Dissertation).	M.Sc.(Dietetics)	2 yrs	8780
Magister Scientiae in Dietetics (Structured) ..	M.Sc.(Dietetics)	2 yrs	8784
Magister in Nutrition (Dissertation).....	M.(Nutrition)	2 yrs	8781
Magister in Nutrition (Structured) ..	M.(Nutrition)	2 yrs	8786
Magister Scientiae in Physiotherapy (Structured)	M.Sc.(Physiotherapy)	2 yrs	8720
Magister Scientiae in Physiotherapy (Dissertation)	M.Sc.(Physiotherapy)	2 yrs	8739
Magister Scientiae in Physiotherapy	M.Sc.(Physiotherapy) (Clinical Sport Physiotherapy)	2 yrs	8743
Magister in Optometry (Structured).....	M.Optom.	2 yrs	8735
Magister in Optometry (Dissertation)	M.Optom.	2 yrs	8734

(From 2013)

Doctor's Degrees:

Philosophy Doctor.....	Ph.D.	2 yrs	8950
Philosophy Doctor in Physiotherapy	Ph.D. in Physiotherapy...	2 yrs	8954
Philosophy Doctor in Occupational Therapy	Ph.D. in Occupational Therapy.....	2 yrs	8953
Philosophy Doctor in Dietetics	Ph.D. in Dietetics.....	2 yrs	8955
Philosophy Doctor in Nutrition.....	Ph.D. in Nutrition	2 yrs	8952
Doctor Scientiae	D.Sc.		8940

Diplomas:

Diploma in Therapeutic Radiography (In abeyance).....		18 months	8010
Postgraduate Diploma in Optometry		1 yr	8201

SCHOOL OF MEDICINE

Degree	Abbreviation	Minimum duration	Code
Honours Degrees:			
Bachelors of Medical Sciences Honours.....	B.Med.Sc.Hons.	1 yr	8510
.....Anatomical Pathology (In abeyance).....		1 yr	8531
.....Anatomy and Cell Morphology		1 yr	8530
.....Chemical Pathology		1 yr	8533
.....Haematology and Cell Biology		1 yr	8537

..... Human Genetics.....	1 yr.....	8540
..... Human Molecular Biology.....	1 yr.....	8541
..... Immunology (In abeyance).....	1 yr.....	8538
..... Medical Microbiology / Virology.....	1 yr.....	8539
..... Medical Physics.....	1 yr.....	8535
..... Medical Physiology.....	1 yr.....	8536
..... Pharmacology (Analytical/Clinical).....	1 yr.....	8534

Master's Degrees:

Magister in Medicine.....	M.Med.	4/5 yrs.....	8700
Magister in Medical Sciences.....	M.Med.Sc.	2 yrs.....	8710
Magister in Sports Medicine.....	M.Sports Med.	3 yrs.....	8782
Magister in Medicine (Family Medicine).....	M.Med (Fam).....	4 yrs.....	8753
Magister in Medical Clinical Science in Transfusion Medicine.....	M.M.Clin.Sc (Transfusion Medicine)...	2 yrs.....	8790

Doctor's Degrees:

Doctor in Medicine.....	M.D.	2 yrs.....	8900
Philosophy Doctor.....	Ph.D.	2 yrs.....	8930
Doctor Scientiae.....	D.Sc.		8940

Diplomas:

Postgraduate Diploma in.....	Post-Gr.Dipl.		
Endocrinology.....	Endocrinology (Int.Med.)....	2 yrs.....	8204
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Gastroenterology.....	Gastroenterology (Int.Med.)	2 yrs.....	8205
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Geriatric Medicine.....	Geriatric Medicine(Int.Med.)	2 yrs.....	8206
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Nephrology.....	Nephrology (Int.Med.).....	2 yrs.....	8207
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Pulmonology.....	Pulmonology (Int.Med.).....	2 yrs.....	8208
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Clinical Haematology.....	Haematology.....	2 yrs.....	8209
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Gen. Interventional Radiology.....	Gen.Intervent Radiol.....	2 yrs.....	8211
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Medical Physics.....	Medical Physics.....	2 yrs.....	8213
Postgraduate Diploma in.....	Post-Gr.Dipl.		
Clinical Pharmacology.....	Clin. Pharmacol.....	1 yr.....	8212
Postgraduate Diploma in.....	PG Dip		
Transfusion Medicine.....	(Transfusion Medicine).....	2 yrs.....	8223
Advanced University Diploma in Radiography (Diagnostic).....	(A.D.R.D.).....	2 yrs.....	8203
Advanced University Diploma in Occupational Health.....	(A.D.O.H.).....	2 yrs.....	8220
Advanced University Diploma in Community Health.....	(A.D.C.H.).....	2 yrs.....	8230
Advanced University Diploma in Health Services Management (In abeyance).....	(A.D.S.M.).....	2 yrs.....	8240

SCHOOL OF NURSING

Degree	Abbreviation	Minimum duration	Code
Advanced Degree:			
Baccalaureus of Advanced Nursing	B.Adv.Nur.	4 yrs	2540
Master's Degrees:			
Magister in Social Sciences in Nursing (Dissertation)	M.Soc.Sc. (Nurs.)	2 yrs	2720
Magister in Social Sciences in Nursing (Structured).....	M.Soc.Sc. (Nurs.)	2 yrs	2721
Doctor's Degree:			
Philosophiae Doctor.....	Ph.D.		2940
Doctor Societatis Scientiae			
(Nursing) (In abeyance)	D.Soc.Sc.		2900
Diplomas:			
Advanced University Diploma in Health Care Management		1 yr	2211
Advanced University Diploma in Nursing Education		1 yr	2213
Advanced University Diploma in Basic Midwifery		1 yr	2228
Advanced University Diploma in Occupational Health Nursing.....		1 yr	2219
Advanced University Diploma in Forensic Nursing		1 yr	2231
Advanced University Diploma in Community Health Nursing.....		1 yr	2215
Advanced University Diploma in Gerontological Nursing		1 yr	2216
Advanced University Diploma in Advanced Midwifery and Neonatology		1 yr	2225
Advanced University Diploma in Child Psychiatric Nursing.....		1 yr	2217
Advanced University Diploma in Paediatric Nursing		1 yr	2223
Advanced University Diploma in Critical Care Nursing		1 yr	2212
Advanced University Diploma in Medical Surgical Nursing.....		1 yr	2218
Advanced University Diploma in Operational Ward Nursing.....		1 yr	2227
Advanced University Diploma in Orthopaedic Nursing		1 yr	2232
Advanced University Diploma in Primary Clinical Health Care		1 yr	2214
Advanced University Diploma in Psychiatric Nursing.....		1 yr	2224
Advanced University Diploma in Trauma and Emergency Nursing.....		1 yr	2234

GENERAL – HEALTH SCIENCES EDUCATION

Degree	Abbreviation	Minimum duration	Code
Diplomas:			
Postgraduate Diploma in Health Professions Education	Post-Gr.Dipl. Health Professions Education	1 yr	8202
Magister Degrees:			
Magister in Health Professions Education	M.(Health Professions Education)	2 yrs	8702
Doctor's Degrees:			
Philosophiae Doctor (Health Professions Education)	Ph.D.(Health Professions Education)	2 yrs	8951

OFFICIAL ADDRESS

Correspondence regarding academic matters (prospective student, residence accommodation, bursaries and loans) must be addressed to:

**The Registrar
University of the Free State
P.O. Box 339
BLOEMFONTEIN
9300**

**Telephone : 051 401 3000
Fax : 051 447 5211
E-mail: : info.stg@ufs.ac.za**

Note: Please indicate your student number on all correspondence to the University.

REGULATIONS

Although the information in the Calendar is as accurate as possible, the Council and the Senate do not accept any responsibility for any inaccuracies.

The General Regulations of the University apply mutatis mutandis to this faculty.

The assessment regulations outlined in the General Regulations of the University apply to the postgraduate students in the Faculty of Health Sciences as well, except in cases where patients and/or external assessors are involved.

Besides the degrees and diplomas the University may introduce in the future, the following degrees and diplomas can be obtained in the Faculty of Health Sciences:

SCHOOL FOR ALLIED HEALTH PROFESSIONS

MAGISTER IN OCCUPATIONAL THERAPY	240 Credits
M.Occupational Therapy (Dissertation)	Study code 8770

Reg. AGH1 REGULATIONS FOR THE DEGREE MAGISTER IN OCCUPATIONAL THERAPY

Reg. AGH1.1 Admission requirements

A student must comply with the stipulations of the General Regulations for master's degrees and with the regulations of the Faculty of Health Sciences.

Before a student may register for the degree M.Occupational Therapy, he/she must:

- (a) Be in possession of a four-year degree in Occupational Therapy from this University or a qualification deemed equivalent by the University.
- (b) Have at least one year's experience in a clinical capacity after obtaining the Baccalaureus degree or a qualification deemed equivalent by the University.
- (c) Have at least one year clinical experience in the field in which the student will conduct research.
- (d) Be registered as an occupational therapist with the Health Professions Council of South Africa (HPCSA).
- (e) With application for admission to any postgraduate programme in Occupational Therapy, submit proof of an acceptable research methodology module which has been successfully completed. If a student does not comply with this requirement, he/she must offer ATN701 as an occasional study and complete it successfully.

Admission is subject to selection.

Reg. AGH1.2 Duration of programme

The programme extends over a minimum period of two years.

Reg. AGH1.3 Curriculum

ABT700	Dissertation	240 credits
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Reg. AGH1.4 Pass requirements

- (a) According to the prescriptions of the General Regulations all required courses must be passed.
- (b) The degree M.Occupational Therapy will be conferred on a student once he/she has complied with all the requirements for this degree.

Reg. AGH1.5 Assessment

Assessment is conducted as follows:

- (a) With regard to ABT700 dissertation:
- (i) A committee appointed by the School for Allied Health Professions and the Ethics Committee of the Faculty of Health Sciences will evaluate the research protocol.
 - (ii) The title of the dissertation will be submitted to the Faculty Board only on the recommendation of the Evaluation Committee within the School of Allied Health Professions.
 - (iii) On completion of the dissertation and on recommendation of the supervisor(s), the dissertation will be examined by two external and one internal assessors.

Re-assessment

See General Regulations.

MAGISTER SCIENTIAE IN DIETETICS		240 Credits
M.Sc.(Dietetics)	Dissertation	Study code 8780
	Structured	Study code 8784

Reg. AGH2 REGULATIONS FOR THE DEGREE MAGISTER SCIENTIAE IN DIETETICS

Reg. AGH2.1 Admission requirements

A student may register for the degree M.Sc.(Dietetics) if he/she:

- (a) Is in possession of the four-year integrated B.Sc.(Dietetics) degree.
- (b) Is in possession of a qualification recognised as equivalent by the University, provided that additional requirements may apply in this case.
- (c) Is registered as a Dietician.

Admission is subject to selection.

If necessary, a student may be required to enrol for additional courses relevant to the field of study as occasional study.

Reg. AGH2.2 Duration of programme

The programme extends over a minimum period of two years.

Reg. AGH2.3 Curriculum

Dissertation (Program A): 240 credits

Dissertation	DET700	240 credits
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MAGISTER IN NUTRITION		240 Credits
M.(Nutrition)	Dissertation	Study code 8781
	Structured	Study code 8786

Reg. AGH3 REGULATIONS FOR THE DEGREE MAGISTER IN NUTRITION

Reg. AGH3.1 Admission requirements

A student may register for the degree M.(Nutrition) if he/she:

- (a) Is in possession of a relevant B. degree.
- (b) Is in possession of a qualification deemed equivalent by the University, provided that in this case there may be additional requirements.

Admission is subject to selection.

If necessary, the student could be required to enrol for additional courses relevant to the field of study as occasional study.

Reg. AGH3.2 Duration of programme

The programme extends over a minimum period of two years.

Reg. AGH3.3 Curriculum

Dissertation (Programme A): 240 credits

Dissertation	VDG700	240 credits
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Structured (Programme B): 240 credits

Extended Script	VDG791	120 credits
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Module work consists of four modules (120 credits) which are compiled as follows:

Modules (Compulsory):

Research Methods	VDG704	16 credits
Evidence-based Nutrition	VDG709	40 credits

Subject specific modules (choice of one of the speciality areas consisting of two modules):

Community Nutrition (a & b)*	GVD728/748	32 credits x 2
Sports Nutrition (a & b)*	SVD728/748	32 credits x 2
Nutrition (a & b)*	VDG728/748	32 credits x 2

*Choice of module themes in consultation with supervisor.

Reg. AGH3.4**Assessment****Programme A (Dissertation):**

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions.
- (b) The research protocol must be submitted to the Ethics Committee of the Faculty of Health Sciences for approval.
- (c) The title of the dissertation will be submitted to the Faculty Board only on the recommendation of the Faculty Management.
- (d) After completion the dissertation will be externally examined on the recommendation of the supervisor(s).

Programme B (Structured):

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions.
- (b) The research protocol must be submitted for possible approval by the Ethics Committee of the Faculty of Health Sciences.
- (c) The title of the extended script will be submitted to the Faculty Management only on the recommendation of the Executive Management.
- (d) After completion of the extended script and on recommendation of the supervisor(s), the script will be externally examined.
- (e) Two of the four modules (120 credits) will be evaluated externally and by means of written assessments during the June and/or November main examination opportunities. Continuous assessment of VDG704 will take place. The article completed for VDG709 will be externally examined and will form part of the examination mark.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

MAGISTER SCIENTIAE IN PHYSIOTHERAPY	240 Credits
M.Sc.(Physiotherapy)	Structured
	Study code 8720

Reg. AGH4.1 REGULATIONS FOR THE DEGREE MAGISTER SCIENTIAE IN PHYSIOTHERAPY (Structured)

Reg. AGH4.1.1 Admission requirements

A student must comply with both the stipulations of the General Regulations for master's degrees and the Regulations of the Faculty of Health Sciences.

Besides other stipulations, the following requirements for admission to the degree M.Sc. Physiotherapy apply:

- (a) A student must be in possession of a four-year degree in Physiotherapy at this University or a qualification deemed equivalent by the University.

- (b) A student must have at least one year's experience in a clinical capacity after obtaining the Baccalaureus degree, or a qualification deemed equivalent by the Senate.
- (c) A student must be registered as a physiotherapist with the Health Professions Council of South Africa (HPCSA).
- (d) Admission is subject to selection by the Executive Committee of the Department of Physiotherapy.

Reg. AGH4.1.2 Duration of programme

The degree M.Sc.(Physiotherapy) extends over a period of two years full-time. During this period, the student must:

- (a) Fill a physiotherapy post considered by the Executive Committee of the department as adequate for the purposes of training.
- (b) Complete the theoretical, practical and clinical work prescribed in the syllabi.
- (c) Pass the prescribed University assessments.
- (d) Complete a mini-dissertation and concept article on an approved subject after having passed the relevant assessments.

Reg. AGH4.1.3 Curriculum

FST701	Anatomy (Physiotherapy)	32 credits
FST702	Physiology (Physiotherapy)	32 credits
FST703	Medical Physics (Physiotherapy)	32 credits
FST704	Mini-dissertation and concept article	124 credits
FST705	Research Methodology (Physiotherapy)	20 credits

A student will only be allowed to offer FST704 after completion of FST705.

The module FST704 is offered continuously over two years and consists of:

- (i) Training presented in conjunction with the relevant departments, according to the field of study selected by the student.
- (ii) A mini-dissertation and concept article approved by the Department of Physiotherapy.

Reg. AGH4.1.4 Assessment

- (a) The research protocol must be evaluated by an evaluation committee of the Faculty of Health Sciences.
- (b) The research protocol must be approved by the Ethics Committee of the Faculty of Health Sciences.
- (c) After completion of the mini-dissertation, and on recommendation of the supervisor(s), it will be submitted for external examination.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

Reg. AGH4.2 REGULATIONS FOR THE DEGREE MAGISTER SCIENTIAE IN PHYSIOTHERAPY

Reg. AGH4.2.1 Admission requirements

A student may register for the degree M.Sc.(Physiotherapy) if he/she:

- (a) Is in possession of a four year degree in Physiotherapy.
- (b) Is in possession of a qualification deemed equivalent by the University, provided that additional requirements may apply in this case.
- (c) Has full registration as a physiotherapist with the Health Professions Council of South Africa (HPCSA).

Admission is subject to selection by the Executive Committee of the Department of Physiotherapy.

The student will be required to successfully complete a research methodology course offered by the School of Allied Health Professions (SAHP) as well as any other additional courses deemed relevant.

Reg. AGH4.2.2 Duration of programme

The programme extends over a minimum period of two years.

Reg. AGH4.2.3 Curriculum

Research methodology (Physiotherapy)	FST705	20 credits
Dissertation	FST792	220 credits

A student will only be allowed to offer FST792 after completion of FST705.

Reg. AGH4.2.4 Assessment

- (a) The research protocol must be evaluated by an evaluation committee of the Faculty of Health Sciences.
- (b) The research protocol must be approved by the Ethics Committee of the Faculty of Health Sciences.
- (b) The title of the dissertation will be submitted to the Faculty Board only after approval by the Research Committee of the School of Allied Health Professions.
- (d) After completion of the dissertation and on recommendation of the supervisor(s) the dissertation will be submitted for external examination.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

**MAGISTER SCIENTIAE IN PHYSIOTHERAPY
(CLINICAL SPORTS PHYSIOTHERAPY)****240 Credits****M.Sc.(Physiotherapy)****Clinical Sports Physiotherapy****Study code 8743**

Reg. AGH4.3 REGULATIONS FOR THE DEGREE MAGISTER IN CLINICAL SPORTS PHYSIOTHERAPY**Reg. AGH4.3.1 Admission requirements**

A student may register for the degree M.Sc.(Physiotherapy)(Clinical Sports Physiotherapy) if he/she:

- (a) Is in possession of a four year degree in Physiotherapy.
- (b) Is in possession of a qualification deemed equivalent by the University, provided that additional requirements may apply in this case.
- (c) Has full registration as a physiotherapist with the Health Professions Council of South Africa (HPCSA).

Admission is subject to selection by the Executive Committee of the Department of Physiotherapy.

The student will be required to successfully complete a research methodology course offered by the School of Allied Health Professions as well as any other additional courses deemed relevant.

Reg. AGH4.3.2 Duration

The programme extends over a minimum period of two years.

Reg. AGH4.3.3 Curriculum**• Modules:**

○ FST705	Research Methodology (Physiotherapy)	20 credits
○ FST706	Introduction to Sports Physiotherapy	16 credits
○ FST707	Soft tissue injuries	16 credits
○ FST708	The spine	16 credits
○ FST709	The shoulder	16 credits
○ FST710	The knee	16 credits
○ FST711	The lower leg, ankle and foot	16 credits

• Clinical training

○ FST712	Clinical training	32 credits
○	Clinical logbooks	
○	Case portfolios	
○	Patient presentations	
○	Academic discussions	
○	Elective period at recognised facilities	

• Research

○ FST713	Script and concept article	92 credits
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A student will only be allowed to offer FST713 after completion of FST705.

M.Sc.(Physiotherapy) (Clinical Sports Physiotherapy)

Introduction to Sports Physiotherapy	Soft tissue injuries	The spine
<ul style="list-style-type: none"> ○ Sports medicine model ○ Exercise physiology ○ Exercise prescription ○ Introduction to sport psychology ○ Introduction to sport nutrition ○ Sport trauma, emergency sports medicine and on-field handling of sports injuries ○ Introduction to disabled sport 	<ul style="list-style-type: none"> ○ Anatomy ○ Biomechanics ○ Detailed evaluation ○ Detailed rehabilitation ○ Common soft tissue injuries ○ Strapping / protective gear / protective measures ○ Clinical practice 	<ul style="list-style-type: none"> ○ Anatomy ○ Biomechanics ○ Detailed evaluation ○ Detailed rehabilitation ○ Common injuries ○ Strapping / protective gear / protective measures ○ Sport-specific training/injuries ○ Clinical practice

The shoulder	The knee	The lower leg, ankle & foot
<ul style="list-style-type: none"> ○ Anatomy ○ Biomechanics ○ Detailed evaluation ○ Detailed rehabilitation ○ Orthopaedic procedures and rehabilitation ○ Common injuries ○ Strapping / protective gear / protective measures ○ Sport-specific training/injuries ○ Clinical practice 	<ul style="list-style-type: none"> ○ Anatomy ○ Biomechanics ○ Detailed evaluation ○ Detailed rehabilitation ○ Orthopaedic procedures and rehabilitation ○ Common injuries ○ Strapping / protective gear / protective measures ○ Sport-specific training/injuries ○ Clinical practice 	<ul style="list-style-type: none"> ○ Anatomy ○ Biomechanics ○ Detailed evaluation ○ Detailed rehabilitation ○ Common injuries ○ Strapping / protective gear / protective measures ○ Sport-specific training/injuries ○ Clinical practice

Reg. AGH4.3.4 **General**

Module work will be presented in a minimum of 20 days of attendance per year, spread evenly over each year.

Reg. AGH4.3.5 **Assessment**

- a) Students will be required to offer proof of competency through various means, including case portfolios, clinical logbooks, discussions, assignments, practical demonstrations and written tests/examinations. Clinical skills will be assessed in clinical settings.
- b) Assessment in the programme will follow an integrated and continuous approach.
- c) Assessment of practical work and elective periods will be in the field of sports physiotherapy. This will include peer assessment.
- d) A module end assessment will comprise a written and/or clinical examination.
- e) The research protocol must be evaluated by an evaluation committee of the SAHP.
- f) The research protocol must be approved by the Ethics Committee of the Faculty of Health Sciences.

g) After completion of the script and concept article, and on recommendation of the supervisor(s) it will be submitted for external examination.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

MAGISTER IN OPTOMETRY

M.Optom.

Structured

180 Credits

Study code 8735

Reg. AGH5.1 REGULATIONS FOR THE DEGREE MAGISTER IN OPTOMETRY IN THE PROGRAMME FOR PROFESSIONAL OPTOMETRY

Students must comply with both the stipulations of the General Regulations for master's degrees and the regulations of the Faculty of Health Sciences.

Reg. AGH5.1.1 Admission requirements

A student may register for the degree M.Optom. if he/she:

- (a) Is in possession of a four year Baccalaureus degree in Optometry or a qualification deemed equivalent by the University.
- (b) Is registered as an optometrist with the Health Professions Council of South Africa.
- (c) Has obtained an average mark of at least 60% in his/her final year of the abovementioned Optometry study.

Reg. AGH5.1.2 Duration of programme

The programme extends over a minimum period of two years.

Reg. AGH5.1.3 Curriculum

Course work (80 credits) plus a script (100 credits)

Year 1: Modules on compulsory themes:

Treatment and management of ocular disease	OPM701	20 credits
Binocular and paediatric vision	OPM702	20 credits
Introduction to research methodology	OPM703	20 credits
Low vision	OPM704	20 credits
Advanced contact lenses	OPM705	20 credits
Neuro-optometry	OPM706	20 credits

Year 2: *Compulsory modules:*

Advanced research methodology	OPM707	20 credits
Module on elective themes in Optometry (Choice of suitable themes)	OPM708	20 credits
Research project and extended script	OPM791	100 credits

Reg. AGH5.1.4 Assessment

- a) Competency will be proved by demonstration of stated outcomes in order to comply with standards set by the University and the Faculty. Efficiency and competence in the achievement of stated outcomes and general performance in Optometry and as researcher will be assessed. Students will be required to offer proof of competency through various means, including portfolios, discussions, assignments, practical demonstrations and reflective papers (e.g. manuscripts for publication) which describe and comment on the practice and profession of Optometry. Skills will be assessed in clinical settings. The script will be assessed in accordance with the General Regulations of the University.
- b) Assessment in the programme will be based on an integrated and continuous assessment approach.
- c) Assessment in modules will be through negotiated or contracted work related to the student's own positions/role in Optometry. This may include components of peer assessment.
- d) The year one end assessment will comprise a written assessment, whilst in year two the research script will be assessed.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

MAGISTER IN OPTOMETRY		180 Credits
M.Optom.	Dissertation	Study code 8734

(FROM 2013)

Reg. AGH5.2 REGULATIONS FOR THE DEGREE MAGISTER IN OPTOMETRY

Reg. AGH5.2.1 Admission requirements

A student may register for the degree M.Optom. if he/she:

- (a) Is in possession of a four year Baccalaureus degree in Optometry or a qualification deemed equivalent by the University.
- (b) Is registered as an optometrist with the Health Professional Council of South Africa (HPCSA).
- (c) Has obtained an average mark of at least 60% in his/her final year of the abovementioned Optometry study.

The degree Doctor of Philosophy (Ph.D.) may be obtained in the following disciplines in the Faculty of Health Sciences.

Ph.D. in	:	Dietetics	DET	Study code: 8955	240 credits
		Nutrition	VDG	Study code: 8952	240 credits
		Physiotherapy	FST	Study code: 8954	240 credits
		Occupational Therapy	ABT	Study code: 8953	240 credits

Elucidation:

- (a) A Committee appointed by the School of Allied Health Professions and the Ethics Committee of the Faculty of Health Sciences will assess the research protocol. The title of the thesis will be submitted to the Faculty Board only on the recommendation of the committee.

The module code of the discipline the student is registered for comprises the abbreviation for the discipline followed by the code 901.

DOCTOR SCIENTIAE	240 Credits
D.Sc.	Study code 8940

Reg. AGH7 REGULATIONS FOR THE DEGREE DOCTOR SCIENTIAE

The degree D.Sc. may be conferred on a person in possession of a doctor's degree who has, over a significant period, produced comprehensive publications of considerable quality in his/her discipline.

For more detail, see General Institutional Rules & Regulations Calendar (Advanced & Postgraduate Qualifications).

The module code of the discipline the student is registered for comprises the abbreviation for the discipline followed by the code 900.

DIPLOMA IN THERAPEUTIC RADIOGRAPHY	128 Credits
Dipl. Therapeutic Radiography (<i>In abeyance</i>)	Study code 8010

No first-time entering first-year students may register for the module.

BACHELORS OF MEDICAL SCIENCES HONOURS
B.Med.Sc.Hons.

Minimum 120 Credits
Study code 8510

Reg. MGH1 REGULATIONS FOR THE DEGREE BACHELORS OF MEDICAL SCIENCES HONOURS

Reg. MGH1.1 Admission requirements

Admission may be subjected to selection.

A student must comply with both the stipulations of the General Regulations for honours bachelors degrees and the regulations of the Faculty of Health Sciences.

At registration for the module B.Med.Sc.Hons, it is required for any student to register with the Health Professions Council of South Africa as intern medical scientist or intern medical physicist. Registration as medical scientist or medical physicist occurs after obtaining the B.Med.Sc.Hons qualification and at least two years appropriate training in a university-bound training unit recognised by the council, and under supervision of a registered medical scientist or medical physicist, provided that of the two years training, one year may be received while the person is enrolled for an honours or higher degree.

Reg. MGH1.2 Duration of programme

If the module is offered in Anatomy, Pharmacology, Medical Physiology, Human Genetics, Microbiology, Chemical Pathology and Medical Physics on a part-time basis, the study must extend over at least two academic years, otherwise the module may be completed in one year.

The degree B.Med.Sc.Hons. may be obtained in the following disciplines:

Anatomical Pathology (<i>In abeyance</i>)	(2)	Immunology (<i>In abeyance</i>)	(8)
Anatomy & Cell Morphology	(1)	Medical Microbiology/Virology	(9)
Chemical Pathology	(3)	Medical Physics	(5)
Haematology & Cell Biology	(7)	Medical Physiology	(6)
Human Genetics	(10)	Pharmacology	(4)
Human Molecular Biology	(11)		

1. Anatomy and Cell Morphology

Study code 8530

(i) Admission requirements

An appropriate B. degree or equivalent qualification is required for admission to the degree B.Med.Sc.Hons. on the understanding that the student may be required to do additional work.

Topics include Applied and Comparative Anatomy, Embryology, Biological Anthropology and Histology. It is expected of the student to select and present at least two of these four topics.

(ii) Curriculum

1. ANA601	<i>Capita Selecta</i>	32 credits
2. ANA602	<i>Capita Selecta</i>	32 credits
3. ANA603	<i>Capita Selecta</i>	32 credits
4. ANA604	<i>Capita Selecta</i>	32 credits

A student must complete a module in Research Methods and Principles to the satisfaction of the Head of Department.

(iii) Assessment

One three-hour paper is written in each module. A student must submit an assignment dealing with an approved project in each module mentioned above, at least one month before the commencement of the assessment(s) concerned. The mark obtained in the respective assignments will form part of the pass mark for a specific module.

(iv) Pass requirements

See General Regulations.

2. Anatomical Pathology (*In abeyance*)

Study code 8531

(i) Admission requirements

B.Med.Sc. or equivalent degree with appropriate discipline content.

(ii) Curriculum

1. Laboratory technique
2. Histochemistry and Immunohistology
3. Electron Microscopy
4. Mechanisms of Basic Pathology

(iii) Assessment

Assessment on the prescribed disciplines is conducted as follows:

ANP601	One three-hour written paper.	4 credits
Practical	One oral assessment.	

(iv) Pass requirements

See General Regulations.

3. Chemical Pathology

Study code 8533

(i) Admission requirements

B.Med.Sc. or an equivalent qualification, on the understanding that the student may be required to do additional work.

(ii) Curriculum

1. Advanced Human Biochemistry
2. Chemical Pathology
3. Laboratory Practice

- (iii) Assessment**
 CHP601 4 credits
 Two three-hour assessment papers
 One practical assessment
 One oral assessment
 One thesis
- (iv) Pass requirements**
 See General Regulations.

4. Pharmacology (Analytical / Clinical) Study code 8534

- (i) Admission requirements**
 B.Sc. or an equivalent qualification.
- (ii) Curriculum**
- Medical Pharmacology
 - Applied Pharmacology
 - Pharmacological Research Methods
 - Mini-dissertation (script)

Each student will submit and undertake a pharmacology research project under supervision of a staff member. The research project, preferably original, but not necessarily so, may deal with any aspect of pharmacology as recommended by the Head of Department.

(iii) Assessment FRM601 (120 credits)

Assessment occurs as a continuous process, and the final mark will be calculated by proportional marks obtained from progressive assessments as well as marks obtained in the research script (mini dissertation). The contribution to the final marks will be as follows:

(i) Medical Pharmacology (at least 4 tests of 2 hours each)	25%
(ii) Applied Pharmacology (at least 2 tests of 2 hours each)	10%
(iii) Research Methods (at least 4 tests of 2 hours each)	25%
(iv) Mini-dissertation (script) (including defending against scrutiny by an external assessor)	40%

- (iv) Pass requirements**
 See General Regulations.

5. Medical Physics Study code 8535

- (i) Admission requirements**
 A student must have a B.Med.Sc. (Radiation Sciences) or equivalent B.Sc. degree with appropriate discipline content to qualify for admission to the honours degree. Students will be subject to selection. The Head of Department may grant permission for admission to the honours degree in exceptional cases. The programme commences in middle January and students must apply for admission with the Head of Department before 30 September of the previous year.

(ii) Curriculum

Module

First Semester:

BFK614 - Radiation Physics	16 credits
BFK634 - Radiation Protection	16 credits
FSK601 - Quantum Mechanics	16 credits
FSK606 - Semiconductors	16 credits
WTW614 - Digital Image Processing	16 credits

Second Semester:

BFK624 - Medical Physics for Diagnostic Radiology	16 credits
BFK644 - Medical Physics for Nuclear Medicine	16 credits
BFK664 - Radiation Treatment Planning	16 credits
BFK684 - Radiation Treatment Modalities	16 credits
FSK611 - Electronics	16 credits

(iii) Duration of programme

One year if followed full-time, or two years if followed part-time.

(iv) Assessment

One three-hour assessment paper at the end of the semester in each course.

Admission to assessment opportunity

To gain admission to the assessment, a minimum module mark of 40% is required in modules BFK614, BFK634, BFK624, BFK644, BFK664 and BFK684.

Composition of module marks for modules BFK614, BFK634, BFK624, BFK644, BFK664 and BFK684.

A student's written, oral and/or practical work conducted during the module contributes to the module mark. Details of the composition of the module mark are included in the individual module guides.

Calculation of marks

Both the module mark and the assessment mark contribute 50% to the final combined mark.

(v) General regulations with regard to BFK614, BFK634, BFK624, BFK644, BFK664 and BFK684.

Students are required to utilise the first assessment opportunity for all modules offered in the School of Medicine. Students can only qualify for participation in the second opportunity if they have participated in and qualified for the first opportunity

(vi) Pass requirements

See General Regulations

(vii) Re-evaluation

See General Regulations.

The general regulations A43(f) and A43(g) only apply if the student:

- (i) Did have admission to the assessment opportunity (i.e. had a module mark of at least 40%).
- (ii) Obtained at least 30% in the outstanding module during the assessment opportunity.

Elucidation:

A student who wishes to register as medical physicist with the Health Professions Council of South Africa (HPCSA) shall have to do practical experience in Clinical Medical Physics as prescribed by said council in addition to the degree B.Med.Sc.Hons.

If the honours course is taken full-time, an additional in-service training of two years is required before a student can register with the Health Professions Council of South Africa (HPCSA).

If the honours course is done on a part-time basis and practical experience in Clinical Medical Physics is gained at the same time, one year additional in-service training is required before registration with the HPCSA can take place.

6. Medical Physiology **Study code 8536**

(i) Admission requirements

- (a) The B.Med.Sc./B.Sc. or equivalent qualification with Physiology as major discipline.
- (b) The Head of Department selects students after a personal interview and assessment of academic merits.

(ii) Curriculum

FFG601	General Physiology	30 credits
FFG602	<i>Capita selecta</i> from the discipline Physiology	30 credits
FFG603	Seminars on Physiology	30 credits
FFG691	A practical laboratory assignment with a report or a seminar on the theory of specific biological laboratory techniques.	30 credits

(iii) Assessment

Part I

FFG601

The basic aspects of the entire field of study or as defined by the Head of Department. (One three-hour assessment paper.)

Part II

FFG602

Attending scheduled postgraduate discussions and interpreting knowledge gained. (One three-hour assessment paper.)

Part III

FFG603

The field covered by seminars on Physiology interpreted by the student. (One three-hour assessment paper.)

Part IV
FFG691

The field covered by practical laboratory work or the theory of specific biological laboratory techniques as relevant. (One oral assessment of 30 minutes.)

Elucidation

- (a) The Head of Department briefs the student regarding assignments.
- (b) A typed report and/or seminars must be submitted to the Head of Department at least one month prior to the assessment.

- (iv) Pass requirements**
See General Regulations.

7. Haematology and Cell Biology **Study code 8537**

- (i) Admission requirements**
B.Med.Sc. or an equivalent qualification with appropriate module content.

- (ii) Curriculum**
- | | | |
|--------|---|------------|
| HEM601 | Erythrocyte and Leukocyte Defects and Assessments | 30 credits |
| HEM602 | Haemostasis | 30 credits |
| HEM603 | Immuno-haematology and Haemolytic Anaemia | 30 credits |
| HEM604 | Haematology project | 30 credits |

Syllabus

- (a) Basic Research Principles.
- (b) Submission of a script in consultation with the Head of Department concerned.

Only one module per semester may be offered, with the exception of HEM604 (Haematology project), which may be submitted at any time.

- (iii) Assessment**
(HEM601; HEM602; HEM603)
Two written papers
One practical assessment
One oral assessment per semester

- (iv) Pass requirements**
See General Regulations.

8. Immunology (*In abeyance*) **Study code 8538**

(i) Admission requirements

B.Med.Sc. or an equivalent qualification with appropriate module content.

(ii) Curriculum

IMN601	Immunohaematology	4 credits
IMN602	Humeral and Cellular Immunology	8 credits
IMN603	Laboratory and Clinical Immunology	12 credits
IMN604	Immunology project	16 credits

Syllabus

- (a) Basic research principles.
- (b) Submission of a script in consultation with the Head of Department concerned.

Only one module per semester may be offered, with the exception of IMN604 (Immunology project), which may be submitted at any time.

(iii) Assessment

(IMN601; IMN602; IMN603)

Two written papers.

One practical assessment, and

One oral assessment per semester.

(iv) Pass requirements

See General Regulations.

9. Medical Microbiology/Virology **Study code 8539**

(i) Admission requirements

- (a) A B.Sc. or equivalent qualification with an applicable curriculum and Microbiology as major discipline, obtained with a minimum mark of 65% for the first major at third year level. A minimum mark of 65% in the second major discipline will be to the advantage of prospective applicants.
- (b) Admission is subject to selection and the applicant must contact the Department of Medical Microbiology for application forms.
- (c) A limited number of students per year will be selected for admission to the course based on undergraduate academic achievement, availability of supervisory staff and an interview if requested by the department.

(ii) Curriculum

Students must complete six modules which include five compulsory modules and one module of choice that will be selected in consultation with the course leader. MKM606 is a *capita selecta* module that may be selected in the place of one of the other modules of choice only after consultation and approval by the course leader in Medical Microbiology/Virology. The course commences on a date determined by the course leader.

Compulsory modules

MKM601	Research Techniques	16 credits
MKM602	Research: Project proposal/Literature study	16 credits
MKM603	Research project	40 credits
MKM604	Current research in Medical Bacteriology	16 credits
MKM605	Current research in Virology	16 credits

Modules of choice

MBG604	Diagnostic Molecular Biology	16 credits
MBG605	Applications of Molecular Biology in Immunology	16 credits
MKM606	<i>Capita selecta</i>	16 credits

(iii) Assessment

- (a) MKM601, MKM604, MKM605, MBG604, MBG605 and MKM606 are assessed according to the individual stipulations of the module.
- (b) MKM602 is assessed by a written proposal and oral presentation.
- (c) MKM603 is assessed by a written mini-dissertation and oral presentation.

(iv) Pass requirements

See General Regulations.

10. Human Genetics

Study code 8540

(i) Admission requirements

- (a) B.Sc. or B.Med.Sc. with appropriate curriculum composition.
- (b) An average of at least 60% is required in each major third year discipline.
- (c) Admission is discipline to selection, taking into account appropriate undergraduate disciplines as well as academic performance.

(ii) Curriculum

- (a) Module 1 - Writing of scientific reports
Module 2 - Cancer Genetics
Module 3 - Molecular Biology (lectures and practicals)
Module 4 - Human Genetics – Cytogenetics
Module 5 - Human Genetics – Cytogenetics practical applications
Module 6 - Human Genetics – Molecular Genetics
Module 7 - Human Genetics – Molecular Genetics practical applications
Module 8 - Clinical Genetics
Module 9 - Research Project and Seminar
- (b) Participation in the academic program of Human Genetics and attendance of lectures and seminars in other departments as determined by Human Genetics is required.

(iii) Module outline

MNG601	modules 4, 5 and 8	4 credits
MNG602	modules 1, 2, 3, 6 and 7	4 credits
MNG603	module 9	4 credits

- (iv) **Assessment** (MNG601, MNG602 and MNG603)
Two written papers (MNG601 and MNG602)
Research project, seminar and oral assessment (MNG603)
- (v) **Pass requirements**
- Except where a subminimum in specific disciplines has been approved by the University, the pass mark for the degree B.Med.Sc.Hons. is an average assessment mark of 50% in all the question papers.
 - The degree B.Med.Sc.Hons. will be awarded with distinction to students obtaining an average mark of at least 75%.

11. Human Molecular Biology

Study code 8541

(i) Requirements

- B.Med.Sc., B.Sc. or equivalent qualification with an applicable curriculum.
- Admission is subject to selection and the applicant must contact the subject head of Human Molecular Biology.
- The honours degree in Human Molecular Biology include three compulsory modules, MBG601, MBG602 and MBG603 and three modules of choice selected in consultation with the subject head from the list below. All modules of choice have three-hour examination papers. A written scientific paper and an oral presentation are required for MBG602 and MBG603. After completion of module MBG601 an oral examination is undertaken. MBG607 and MBG608 are *capita selecta* modules that can be taken after consultation with, and approval of, the subject head of Human Molecular Biology.

(ii) Curriculum

The courses start on a date determined by the subject head.

Compulsory modules

MBG601	Research Techniques	16 credits
MBG602	Research: Literature study	24 credits
MBG603	Research Project	32 credits

Modules of choice

MBG604	Diagnostic Molecular Biology	16 credits
MBG605	Applications of Molecular Biology in Immunology	16 credits
MBG606	Applications of Molecular Biology in Haemostasis	16 credits
MBG607	<i>Capita selecta</i>	16 credits
MBG608	<i>Capita selecta</i>	16 credits

(iii) Assessment (MBG601-605)

- MBG601 is assessed through an oral examination.
- MBG602 and MGB603 are assessed by a written scientific paper as well as an oral presentation.
- MBG604, MBG605 and MBG606 are assessed by written assignments and practical as required as well as a three-hour examination paper.
- MBG607 and MBG608 are assessed according to the individual stipulations of the module.

(iv) Pass requirements

See General Regulations.

Reg. MGH2 REGULATIONS FOR THE MAGISTER DEGREE IN MEDICINE

A student must comply with both the stipulations of the General Regulations for master's degrees and the Regulations of the Faculty of Health Sciences.

For the transition period, only the final exam (both College and UFS) would be considered to determine whether a degree is to be awarded with distinction. Only the UFS final exam and not the College final exam would be taken into consideration for the awarding of the Dean's medal.

Postgraduate students are appointed after 'n selection process as stipulated, and according to guidelines as determined from time to time. The applicable process and guidelines are available from the Postgraduate Administration office of the Faculty.

Reg. MGH2.1 Disciplines

The degree may be obtained in the following disciplines:

Anaesthesiology (2)	Haematology (8)	Orthopaedic Surgery (18)
Anatomical Pathology (1)	Internal Medicine (9)	Otorhinolaryngology (19)
Cardiothoracic Surgery (10)	Medical Genetics (26)	Plastic Surgery (21)
Chemical Pathology (3)	Medical Microbiology (13)	Psychiatry (22)
Clinical Pathology (12)	Medical Virology (25)	Paediatrics (20)
Community Health (28)	Neurology (15)	Paediatric Surgery (27)
Dermatology (5)	Neurosurgery (14)	Radiation Oncology (23)
Diagnostic Radiology (6)	Nuclear Medicine (11)	Surgery (4)
Family Medicine (29)	Obstetrics & Gynaecology (16)	Urology (24)
Forensic Medicine (7)	Ophthalmology (17)	

Reg. MGH2.2 Admission requirements

Before a student may register for the M.Med. degree, he/she must:

- Have been in possession of the M.B.,Ch.B. degree from this University for a period of at least three years, or a qualification deemed equivalent by the University.
- Be fully registered as a medical practitioner with the Health Professions Council of South Africa (HPCSA) for independent practice in terms of the Health Professional Act, Act 56 of 1974.
- After a selection process, postgraduate students are appointed in a training post (registrar) as written and according to guidelines. The applicable process and regulations are available at the Postgraduate Administration office of the Faculty. Training commences after the candidate has been appointed in abovementioned post and after he/she received a HPCSA training number from the employer.
- In the case of disciplines where training extends over a period of five years full-time, except Forensic Medicine, a student registers with the University as a postgraduate student in the first year of the M.Med. programme and is simultaneously appointed as registrar in a relevant department at the Academic Hospital Complex.

Elucidation:

- (i) The student registers in the first year of the M.Med. programme at the University as a postgraduate student and is allocated a student number.
- (ii) Simultaneously, for M.Med. **four-year programmes** the student must register at the HPCSA as registrar in training and is allocated a board number. The last two years of the programme must be completed without interruption.
- (iii) For M.Med. **five-year programmes** the student does not register as registrar in training at the HPCSA but as a general practitioner, even though he/she is appointed in a registrar post by the employer. The reason for this is that the University requires five years for training whereas the board does not make provision for five-year programmes. The board sees all postgraduate programmes as four-year programmes. To overcome the above, students in five year programmes register at the HPCSA only from their second year. By implication, a student following a five year programme is registered for five years at the University and for four years, from the second year of study, at the board. The last three years of the programme must be completed without interruption.
- (iv) After this, the student must register annually at the beginning of each year as postgraduate student at the University and as registrar with the HPCSA as described in (i) above.
- (v) If the student is not appointed to the post of registrar and discontinues the M.Med. programme, no refunding of class fees will apply.

Reg. MGH2.3 Recognition of training received at another recognised institution

Possible exemption, fully or partially, on the basis of comparable training and experience gained at another recognised institution could be granted by the University in respect of the training and work mentioned in Reg. MGH2.4.

The maximum admissible period of exemption is 24 months.

Reg. MGH2.4 Duration of programme

- (a) The duration of training extends over four or five years full-time, depending on the requirements of the department under which the major subject falls (see Reg. MGH2.6).
- (b) For M.Med programmes extending over five years, exemption from one year residency could be granted, subject to the following conditions:
 - (i) In special cases of merit;
 - (ii) With proof of sufficient experience; and
 - (iii) With consent of the Head of Department and approval of the Executive Committee, School of Medicine.

Elucidation:

- (i) Special merit refers to periods of training extending over a period of at least 12 months in an accredited institution, division or department. These periods of training must have occurred within the last two years before registering for postgraduate study.
- (ii) Sufficient experience must be proven by means of a logbook and certification of the Head of Department where the experience was gained. The above information must then be evaluated by the Head of Department and approved as equivalent to the first year of training in this field.

- (iii) Applications for exemption from the residency period must be submitted within the first semester after enrolment as postgraduate student. No applications will be considered after this period.
- (iv) In exceptional cases, part-time study will be permitted, taking into account the duration of the programme.
- (v) A registrar must register as student with the University and registrar with the Health Professions Council of South Africa on appointment and subsequently annually at the beginning of the calendar year.

Reg. MGH2.5 Clinical experience

The Health Professions Council of South Africa (HPCSA) recognises only the registrar post as a training post.

Reg. MGH2.6 Curriculum

The curriculum for the various disciplines in which the student may obtain the degree M.Med. comprises the compulsory modules mentioned in Reg. MGH2.6.1., as well as the discipline-specific curriculum relevant major subject, basic subjects and subsidiary subjects as set forth in Reg. MGH2.6.2.

Reg. MGH2.6.1 General curriculum compulsory for all disciplines

A. Research component	76 Credits
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The research component of the M.Med. programme comprises two sections namely Research Methodology (NAM701) and Comprehensive Mini-dissertation (Research Report) (NAM702):

NAM701 Research Methodology

Elucidation:

- (i) A minimum attendance rate of 75% is required.
- (ii) In order to be admitted to NAM702 (Comprehensive Mini-dissertation [Research Report]) a student must show satisfactory progress in NAM701 (Research Methodology).
- (iii) A candidate may be exempt from NAM701 if the student has already obtained a postgraduate qualification which included the writing of tests or examinations on medical applicable research methodology and statistics.
- (iv) The module NAM701 (Research Methodology) must be completed within the first 18 months after registration as a student.

NAM702 Comprehensive Mini-dissertation (Research Report)

Elucidation:

- (i) The Comprehensive Mini-dissertation (Research Report) could include one of the following:
 - A full research project.
 - A critical academic analysis of at least five peer-evaluated publications or a meta-analysis.
 - An in-depth literature-supported review of one or more clinical cases.
- (ii) Disciplines individually determine which of the above choices are appropriate.

- (iii) M.Med(Community Health) – Study Code 8730: VKG705 – Script will replace NAM702.
M.Med(Family Medicine) – Study Code 8753: SKR894 will replace NAM702.

B. Health Care Practice **Attendance**

GPV703 Health Care Practice

Elucidation:

- (i) A minimum attendance rate of 80% is required.
- (ii) Before the M.Med. qualification can be obtained a student must pass module GPV703 by means of attendance.
- (iii) Subjects such as medical ethics and rights, communication, practice management, information systems, relevant policy and orientation could be included in the syllabus.
- (iv) GPV703 will be offered in the first 24 months after registration as a student.

Assessment

- (a) The research component must be passed before the final M.Med examination may be written.
- (b) Refer to the appeal process below (MGH2.7.5).
- (c) Should a student prefer to write the SA Colleges of Medicine assessment and fail, the final UFS M.Med end assessment may only be written six months thereafter.

Reg MGH2.6.2 Discipline-specific curricula

The curricula of the various disciplines in which the M.Med. could be obtained comprise the compulsory modules mentioned in Reg. MGH2.6.1. as well as the relevant major subject, basic subjects and subsidiary subjects as set forth in Reg. MGH2.6.2.

The syllabi of each discipline are compiled as such that the M.Med. student is guided under supervision to take charge of the assessment and treatment of patients in outpatient divisions, wards and operating theatres of the training institutions with increasing confidence and responsibility.

Any recognition for residency or assessment must be approved by the Executive Committee, School of Medicine.

(1) Anatomical Pathology – M.Med.(Anat.Path.) **Study code 8703**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANP701 [#] Anatomical Pathology	120 credits
		NAM701 Research Methodology	12 credits
		GPV703 Health Care Practice	Attendance

[#] Approved facet(s) of CEP701, HEM701, MKM701, VIR701 and ANP701 (see Reg. MGH2.7.1).

Part II:	Major subject:	ANP890 Anatomical Pathology	284 credits
		NAM702 Comprehensive	
		Mini-dissertation	64 credits

Elucidation:

- (i) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:
- | | | |
|---------|--------------------|-------------|
| *CEP700 | Chemical Pathology | 175 credits |
| *HEM700 | Haematology | 175 credits |
| *MKM700 | Microbiology | 175 credits |
- (ii) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.
- (iii) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine.

Residency (RES): Four years of which at least three years must be in Anatomical Pathology.

(2) Anaesthesiology - M.Med.(Anaes.) **Study code 8704**
480 Credits (including compulsory general modules)

Part I:	Basic subjects	FFM700	Physiology (Medicine)	60 credits
		FRM700	Pharmacology	60 credits
		CHP700	Chemical Pathology	40 credits
		GFN700	Medical Physics	40 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	ANS890	Anaesthesiology Portfolio	204 credits
		NAM702	Comprehensive	
			Mini-dissertation	64 credits

Elucidation:

- (i) The portfolio, including the following, must be handed in before sitting for the final assessment:
1. Comprehensive mini-dissertation (research report) (NAM702 in terms of Reg. MGH2.6.1). Choice I (complete research project) and II (meta-analysis or systematic review), but not III, as indicated in elucidation, will be acceptable. As alternative to the choices stated in Reg. MGH2.6.1, an article that had been accepted for publication in a recognised journal with peer-evaluation, and based on the stipulations for this module, will also be considered a Comprehensive mini-dissertation. The research report must be submitted six months prior to the final examination. If not, admission to the examination will be refused.
 2. Logbook.
 3. Proof of training assignments completed, including attendance modules NAM701 Research Methodology and GPV703, as well as other assignments.
- (ii) Continuous evaluation (the portfolio) will count a percentage of the final assessment together with the Part II examination.
- (iii) Additional curricula information is available at the Department of Anaesthesiology and <http://health.ufs.ac.za/content.aspx?DCCode=019>.

- (iv) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine Part I examination of the College for Anaesthesia receives recognition, but in addition to that, Chemical Pathology (GFN700) must also be passed before the final examination may be taken – Part II.
- (v) The professional HPCSA single exit examination will be considered as equivalent to the Part II examination.

Residency (RES): Four years.

(3) Chemical Pathology – M.Med.(Chem.Path.) **Study code 8705**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	CEP701 [#] Chemical Pathology	120 credits
		NAM701 Research Methodology	12 credits
		GPV703 Health Care Practice	Attendance

[#]Approved facet(s) of CEP701, HEM701, MKM701, VIR701 and ANP701 (see Reg. MGH2.7.1)

Part II:	Major subject:	CEP890 Chemical Pathology	284 credits
		NAM702 Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) Part II of the examination may only be written after completion of the Comprehensive mini-dissertation (NAM702).
- (ii) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:
- | | |
|----------------------------|-------------|
| *CEP700 Chemical Pathology | 175 credits |
| *HEM700 Haematology | 175 credits |
| *MKM700 Microbiology | 175 credits |
- (iii) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.

Residency (RES): Four years, of which at least three years must be in Chemical Pathology.

(4) Surgery - M.Med.(Surg.) **Study code 8706**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700 Anatomy	60 credits
		FFM700 Physiology (Medicine)	60 credits
		APB700 Anatomical Pathology	60 credits

Part II:	Subsidiary subject:	NAM701 Research Methodology	12 credits
		GPV703 Health Care Practice	Attendance
		CHR800 General Surgical Principles including Intensive Care	152 credits

Part III:	Major subject:	NAM702 Comprehensive Mini-dissertation	64 credits
		CHR890 General Surgery	192 credits

Elucidation:

- (i) The Comprehensive mini-dissertation must be completed six months before the final examination is written, failing which admission to this examination will be denied.
- (ii) The Comprehensive mini-dissertation must be passed individually in order to obtain the degree.
- (iii) Continuous evaluation will count as part of the final assessment.
- (iv) Logbook: Candidates must keep a logbook in which all the surgical procedures performed or assisted are recorded. This logbook must be handed in before Part III of the examination is written.
- (v) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the Intermediate examination.

Residency (RES): Five years.

(5) Dermatology – M.Med.(Derm.) **Study code 8707**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	FFM700	Physiology (Medicine)	60 credits
		MAT700	Micro-anatomy	60 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subjects:	DER890	Dermatology	224 credits
		PLH890	Pathology of the skin (Both major subjects must be passed simultaneously)	60 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine Part I of the College of Dermatology of South Africa is recognised as equivalent to the M.Med. Part I.
- (ii) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine Part II of the College of Dermatology of South Africa (FCDerm) is recognised as equivalent to the final assessment of DER890. In order to obtain the degree M.Med.(Derm.), a candidate must pass the examination in PLH890, as no equivalent examination is currently offered by the College. Consent to sit for the FC(Derm) Part II will be granted only after successful completion of PLH890.
- (iii) A detailed module guide fully describing the curricula, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.

Residency (RES): Four years.

(6) Diagnostic Radiology – M.Med.(Rad.D.) **Study code 8708**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANR700	Anatomy and Radiological Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		RAF700	Radiological Physics	60 credits
Part II:	Subsidiary subject:	PAT800	Pathology	152 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	DIR890	Diagnostic Radiology	192 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) A detailed module guide fully describing the curricula, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.
- (ii) The Comprehensive mini-dissertation must be submitted not later than six months before the final assessment, failing which admission to the examination will be denied.
- (iii) Continuous evaluation will count as part of the final assessment.
- (iv) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the intermediate examination.

Residency (RES): Five years.

(7) Forensic Medicine – M.Med.(Med.Forens.) **Study code 8709**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
Part II:	Subsidiary subject:	ANP800	Anatomical Pathology	152 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	GGN890	Forensic Medicine (including Clinical Forensic Medicine, Toxicology and Medical Law)	252 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Residency (RES): Five years, two of which will be in Anatomical Pathology and three in Forensic Medicine.

Elucidation:

The sequence of the residency periods will be decided on after consultation with the relevant Heads of Departments.

(8) Haematology – M.Med.(Haem.) **Study code 8711**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	HEM701 [#] Haematology	120 credits
		NAM701 Research Methodology	12 credits
		GPV703 Health Care Practice	Attendance

[#]Approved facet(s) of CEP701, HEM701, MKM701, VIR701 and ANP701 (see Reg.MGH2.7.1).

Part II:	Major subject:	HEM890 Haematology	284 credits
		NAM702 Comprehensive	
		Mini-dissertation	64 credits

Elucidation:

- (i) Successful completion of the modules in Research Methodology (NAM701) and Health Care Practice (GPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702) is a prerequisite for conferment of the degree (also see Reg. MGH2.6.1).
- (ii) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:

*CEP700	Chemical Pathology	175 credits
*HEM700	Haematology	175 credits
*MKM700	Microbiology	175 credits
- (iii) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.
- (iv) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine Part I of the College of Pathologists (Haematology) of the SA Colleges of Medicine is recognised as being equivalent to the M.Med.(Haem.) Part I.
- (v) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine Part II of the College of Pathologists (Haematology) (FCPath Haem.) of the SA Colleges of Medicine is recognised as equivalent to HEM890. In order to obtain the degree M.Med.(Haem.), a candidate must have satisfied the requirement of modules NAM701, NAM702 and GPV703. Permission to sit for the FCPath Haem Part II will be granted only after successful completion of NAM701, NAM702, and the attendance of GPV703.
- (vi) A detailed module guide fully describing the curricula, portfolios, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.

Residency (RES): Four years, at least three years of which must be in Haematology.

(9) Internal Medicine - M.Med.(Int.) **Study code 8712**
480 Credits (including compulsory general modules)

Part I:	Basic subject:	BWI700 Basic sciences as related to the practice of Internal Medicine	120 credits
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		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	ING890	Principles and practice of Internal Medicine	284 credits
		NAM702	Comprehensive Mini-dissertation	64credits

Elucidation:

- (i) The sequence of the residency periods will be determined after consultation with the Head of Department.
- (ii) A logbook must be kept.
- (iii) The curriculum for both Part I and II is explained in the logbook.
- (iv) As far as possible, Part I must be passed within two years after first registration as registrar.
- (v) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine Part I of the assessment of the College of Physicians of South Africa is recognised as equivalent to the M.Med. (Int.) Part I, and candidates are encouraged to sit for the former.
- (vi) The topic for and nature of the Comprehensive mini-dissertation is determined in consultation with the Head of Department.
- (vii) The Comprehensive mini-dissertation must be submitted no later than six months before the final assessment, failing which admission to the assessment might be denied.
- (viii) The final examination must be written as close as possible to the end of the residency period. On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine Part II of the assessment of the College of Physicians of South Africa is recognised as equivalent to the M.Med. (Int.) Part II should the candidate opt to write only this examination.
- (ix) The major subject and Comprehensive mini-dissertation must be passed individually before the degree can be conferred.

Residency (RES): Four years, of which at least two must be in General Internal Medicine

(10) Cardiothoracic Surgery - M.Med.(Card.Thor.Surg.) Study code 8713
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		APB700	Anatomical Pathology	60 credits
Part II:	Subsidiary subject:	CHR800	General surgery principles including Intensive Care	152 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	KTC890	Cardiothoracic Surgery	192 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) The sequence of the residency periods will be determined after consultation with the Head of Department.
- (ii) A logbook must be kept.
- (iii) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, Part I & II of the assessment of the College of Cardiothoracic Surgeons of South Africa is recognised as equivalent to the M.Med. (Card.Thor.Surg.) Part I & II, and candidates are encouraged to sit for the former.
- (iv) The topic for and nature of the Comprehensive mini-dissertation is determined in consultation with the Head of Department.
- (v) The Comprehensive mini-dissertation must be submitted six months before the final assessment, failing which admission to the assessment might be denied.
- (vi) The final examination must be written as close as possible to the end of the residency period. Part III of the assessment of the College of Cardiothoracic Surgeons of South Africa is recognised as equivalent to the final assessment of M.Med.(Card.Thor.Surg.) Part III should the candidate opt to write only this examination.
- (vii) The major subject and Comprehensive mini-dissertation must be passed individually before the degree is conferred.
- (viii) Admission to the final assessment can occur only after successful completion of Part I and II, as well as the submission of a Comprehensive mini-dissertation or a published article on own research.
- (ix) Continuous evaluation can count 30% of the final assessment.

Residency (RES): Five years.

(11) Nuclear Medicine – M.Med.(Nuc.Med.) **Study code 8714**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		BFI700	Basic Physics and Instrumentation	60 credits
Part II:	Subsidiary subject:	RFM800	Radiopharmacy	90 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	KKR890	Clinical Nuclear Medicine	134 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Residency (RES): Four years.

(12) Clinical Pathology – M.Med.(Clin.Path.) **Study code 8715***
480 Credits (including compulsory general modules)

*Subject to amendment

Part I:	Basic Subjects:	CEP700	Chemical Pathology	40 credits
		HEM700	Haematology	40 credits
		MKM700	Microbiology	40 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major Subject:	KLP700	Clinical Pathology	284 credits
		NAM702	Comprehensive	
			Mini-dissertation	64 credits

Elucidation:

- (i) The successful completion of modules in Research Methodology (NAM701) and Health Care Practice (GPV703) as well as the completion of a Comprehensive mini-dissertation (NAM702) is a prerequisite for the conferment of the degree (also see Reg. MGH2.6.1).
- (ii) A residency period of 12 months and an assessment (CEP700, HEM700 and MKM700, respectively) of each of the disciplines is required. The duration of the residency period in the discipline where the research project is performed is 18 months.
- (iii) After completion of Part I there will be a residency of two months in each of the disciplines in preparation for KLP700. KLP700 will cover each of the three disciplines. It will consist of a three-hour written exam paper, laboratory practical and oral examination in each of the three disciplines.
- (iv) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, the College of Pathologists (Clinical Pathology) (FCPathClin) of the SA Colleges of Medicine is recognised as equivalent to KLP700. In order to obtain the degree M.Med.(Clin.Path.), a candidate must have satisfied the requirement of modules NAM701, NAM702 and GPV703. Permission to sit for the FCPathClin will be granted only after successful completion of CEP700, HEM700, MKM700, NAM701, NAM702, and the attendance of GPV703.
- (v) A detailed module guide fully describing the curricula, portfolios, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.

Residency (RES): Four years.

(13) Medical Microbiology – M.Med.(Med.Microb.) **Study code 8716**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	MKM701*	Microbiology	120 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	MKM890	Microbiology	284 credits
		NAM702	Comprehensive	
			Mini-dissertation	64 credits

*# Approved facet(s) of CEP701, HEM701, MKM701 and VIR701 (see Reg.MGH2.7.1).

Elucidation:

- (i) A rotation period of six months in Medical Virology is a prerequisite, after which an examination in Medical Virology is written as part of continuous evaluation.
- (ii) Successful completion of the modules in Research Methodology (NAM701) and Health Care Practice (GPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702) is a prerequisite for the conferment of the degree (also see Reg. MGH2.6.1).
- (iii) The subject for the Comprehensive mini-dissertation will be determined in consultation with the Head of Department.
- (iv) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:

*CEP700	Chemical Pathology	175 credits
*HEM700	Haematology	175 credits
*MKM700	Microbiology	175 credits
- (v) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.
- (vi) On the recommendation of the Head of Department and the approval by the Executive Committee, School of Medicine, exemption from the primary examination of the University may be granted on condition that the primary examination of the SA Colleges of Medicine has already been passed.

Residency (RES): Four years, of which at least three must be in Medical Microbiology, during which adequate experience in related aspects of Medical Virology, Molecular Biology and Immunology must be gained.

(14) Neurosurgery – M.Med.(Neur.Surg.) **Study code 8717**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		APB700	Anatomical Pathology	60 credits

Elucidation:

- (i) Anatomy involves basic and applied neuro-anatomy and anatomy of the head and neck region.
- (ii) Physiology involves basic and applied neurophysiology, as well as physiology of the cardiovascular, respiratory, urinary and gastrointestinal systems.

Part II:	Subsidiary subject:	CHR800	General surgical principles including Intensive Care	152 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance

Part III:	Major subject:	NEU890	Neurosurgery	192 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) A critical academic analysis of at least three peer-evaluated publications in Neurosurgical scientific journals is essential before the degree can be conferred (see Reg. MGH2.6.1).

- (ii) A candidate is afforded only two opportunities for Part III of the assessment. The second opportunity must occur during the following examination opportunity.

Residency (RES): Five years, including rotation periods of three months each in Critical Care, Orthopaedics (Spinal Unit) and Trauma.

(15) Neurology – M.Med.(Neurol.) **Study code 8718**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	NAN700	Neuro-anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	NER890	Neurology	284 credits
		NAM702	Comprehensive	
			Mini-dissertation	64credits

Elucidation:

- (i) The curriculum for Part I and II is determined by the Head of Department in accordance with external assessment bodies (the latter as approved by the Faculty Board), as far as possible to satisfy the requirements of internal assessment (Part I) and internal/external assessment as well as an alternative option of total external assessment (Part I and II).
- (ii) Total external assessment of Part I and/or Part II, satisfying the requirements as determined by the Head of Department and approval of the Executive Committee, School of Medicine, could in addition serve as pass requirements of Part I and/or Part II. The special requirements of the external examination body, which is not necessarily defined in these regulations, must still be satisfied.
- (iii) Part II of the assessment or external examination may be written only after completion of a Comprehensive mini-dissertation (NAM702, Reg. MGH2.6.1).
- (iv) Assessment in Part II is based on internal/external examination and includes equivalent written examination, oral and/or OSCE examination, and clinical examination. Passing the clinical examination individually is a prerequisite for passing Part II.

Residency (RES): Four years.

Elucidation:

Relevant experience in clinical and neurophysiological skills must be supported by or submission of a logbook and its certification (see Reg. MGH2.3), or certification by the Head of Department of such experience.

(16) Obstetrics and Gynaecology – M.Med.(O. et G.) **Study code 8719**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
Part II:	Subsidiary subject:	OBG800	Skills in Obstetrics and Gynaecology	60 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	OBG890	Obstetrics and Gynaecology	344 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) A logbook must be kept throughout all the years of study.
- (ii) Part I of the assessment must be passed within 18 months after commencement of residency. Part I must be taken and passed as a unit.
- (iii) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, Part I of the assessment of the College for Obstetricians and Gynaecologists of South Africa (COGSA) is recognised as equivalent to the M.Med (O. et G.) Part I (ANM700 and FFM700) and either of the two examinations is recognised. The COGSA Part I examination could be written before or during the residency period.
- (iv) Part II of the assessment (OBG800) must be passed within 36 months after commencement of the residency.
- (v) OBG800 includes the following: Ultrasound and Imaging in Obstetrics and Gynaecology, Colposcopy, Gynaecological Pathology and Cytology, ATLS, Basic Surgical Skills, Intensive Care and Research Methodology.
- (vi) Satisfactory attendance of modules in Research Methodology and Health Care Practice is required before admission to the Part II assessment.
- (vii) Part III of the assessment must be completed in the final (fifth) year of residency.
- (viii) On recommendation of the Head of Department and on approval by the Executive Committee, School of Medicine, Part II of the COGSA assessment may be acknowledged as equivalent to the M.Med.(O. et G.) Part III (OBG890). Candidates may exercise a choice in this respect.
- (ix) Admission to the final assessment can occur only after successful completion of Part I and II, as well as the submission of a Comprehensive mini-dissertation or a published article based on own research.
- (x) To complete the M.Med.(O. et G.) Part III successfully (OBG890) the clinical part of the examination must be passed.
- (xi) Continuous evaluation will count 30% of the final assessment for the M.Med (O. et G.).
- (xii) Admission to the College Part II or the M.Med. (O. et G.) Part III can only be allowed after successful completion of Part I and Part II and after submission and acceptance of a Comprehensive mini-dissertation or a published article (in a accredited journal) based on own research.

Residency (RES): Five years.

(17) Ophthalmology - M.Med.(Ophth.) **Study code 8721**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		GFO700	Medical Physics (Ophth.)	60 credits
		PAO700	Pathology (Ophth.)	60 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	OFT890	Ophthalmology	164 credits
		NAM702	Comprehensive	
			Mini-dissertation	64 credits

Elucidation:

- (i) An externally evaluated Comprehensive mini-dissertation (NAM702) in accordance with the guidelines must be submitted and defended and will contribute 20% towards the final assessment mark. Continuous evaluation is monitored by the supervisor. The Comprehensive mini-dissertation should preferably be handed in six months prior to the final assessment; otherwise admission to the examination might be refused.
- (ii) A logbook must also be submitted and will serve for inspection at the final practical assessment.
- (iii) Part I must, as far as possible, be passed within two years after first registration as registrar.
- (iv) Anatomy and Physiology of Part I of the College of Ophthalmologists of the SA Colleges of Medicine are recognised as being equivalent to the M. Med.(Ophth.) Part I, but Medical Optics and Pathology must be passed as part of the M.Med. (Ophth.) Programme.

Residency (RES): Four and a half years.

(18) Orthopaedic Surgery – M.Med.(Orthop.Surg.) **Study code 8722**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		APB700	Anatomical Pathology	60 credits
Part II:	Subsidiary subject:	CHR800	General Surgery Principles including Intensive Care	152 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	ORT890	Orthopaedics	192 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the intermediate examination.
- (ii) Part II and III of the assessment involve external evaluation.
- (iii) A logbook of standard format is compulsory.
- (iv) A Comprehensive mini-dissertation (NAM702) is compulsory and is evaluated externally. This could comprise any of the choices stated in Reg. MGH2.6.1, provided that a publication in a recognised journal would also be adequate.
- (v) Part III of the assessment includes oral examinations in Orthopaedic Pathology and Orthopaedic Radiology.
- (vi) Passing the clinical examination individually is a prerequisite for passing Part III.

Residency (RES): Five years.

(19) Otorhinolaryngology - M.Med.(Orl.) **Study code 8723**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		APB700	Anatomical Pathology	
			General Principles	60 credits
		NAM701	Research Methodology	12 credits
	GPV703	Health Care Practice	Attendance	
Part II:	Major subject:	OTO890	Otorhinolaryngology	224 credits
		NAM702	Comprehensive	
			Mini-dissertation	64 credits

Elucidation:

- (i) An acceptable Comprehensive mini-dissertation in terms of Reg. MGH2.6.1 is compulsory and will be evaluated externally.
- (ii) Continuous evaluation of clinical and surgical skills, as well as theoretical knowledge will be done by the Department of Otorhinolaryngology. Results will be submitted to external assessors together with the results of Part I and II of the assessment (when applicable). Completion of Part III of the assessment is subject to the approval of the above evaluation; however, this will not contribute to the final assessment mark.
- (iii) A logbook is compulsory and its format standardised.
- (iv) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the M.Med.(Orl.) Part I on the basis of successful completion of the SA Colleges of Medicine Part I applies.

Residency (RES): Four years.

(20) Paediatrics – M.Med.(Paed.) **Study code 8724**
480 Credits (including compulsory general modules)

Part I:	Basic Sciences:	PED800	Paediatrics	180 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance

Elucidation:

- (i) The syllabus for the basic sciences includes:
 - (a) The normal growth and development of the infant and child;
 - (b) Embryology and anatomy relevant to the above;
 - (c) Physiology and biochemistry, with special reference to the childhood years;
 - (d) Pathology, pathophysiology, microbiology and paracytology, with special reference to the childhood years;
 - (e) Applied medical pharmacology and general principles of genetics;
 - (f) Principles of therapy with special reference to the childhood years; and
 - (g) Principles of epidemiology and statistics.
- (ii) Written assessments are conducted.
- (iii) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, a primary College exam or a similar M.Med. I (primary exam) will be accepted for the M.Med. Paediatrics degree.

Part II:	Major subject:	PED890 Paediatrics	224 credits
		NAM702 Comprehensive mini-dissertation	64 credits

Elucidation:

- (i) The compulsory general modules in Health Care Practice (GPV703), Research Methodology (NAM701) and the Comprehensive mini-dissertation (NAM702) must be completed in terms of Reg. MGH2.6.1 before Part II can be written.
- (ii) PED890 involves the principles and practice of paediatrics and child health.

Residency (RES): Four years.

(21) Plastic Surgery – M.Med.(Plast.Surg.) **Study code 8725**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700 Anatomy	60 credits
		FFM700 Physiology (Medicine)	60 credits
		APB700 Anatomical Pathology	
		General Principles	60 credits
Part II:	Subsidiary subject:	CHR800 General surgical principles including Intensive Care	152 credits
		NAM701 Research Methodology	12 credits
		GPV703 Health Care Practice	Attendance
Part III:	Major subject:	PUP890 Plastic Surgery	192 credits
		NAM702 Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) On recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the intermediate examination.

Residency (RES): Five years.

(22) Psychiatry – M.Med.(Psych.) **Study code 8726**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	SIL709	Psychology	60 credits
		NAN700	Neuro-anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
Part II:	Subsidiary subject:	INP800	Internal Medicine (Neurology and Psychopharmacology)	90 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	PSG890	Psychiatry	134 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

Part I, II and III must be completed in terms of the regulations for the M.Med. of the Faculty of Health Sciences. The following additional requirements apply:

- (i) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, Part I of the College for Psychiatrists of South Africa is recognised as equivalent to the M.Med. (Psych.). Students may opt to do either the College Part I or the M.Med. Part I.
- (ii) The student must complete the Psychotherapy logbook and have it signed by supervising consultants throughout.
- (iii) Students will be admitted to Part III of the assessment only if:
 - a. The logbook has been completed according to instructions.
 - b. At least 42 months of the training period has been completed.
 - c. One original research project has been completed with proof of acceptance for publication by an accredited scientific journal, or presentation at a scientific congress.

Detailed information on the curriculum is available at the Head of Department.

Residency (RES): Four years.

(23) Radiation Oncology - M.Med.(Rad.Onc.) **Study code 8727**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		GFR700	Medical Physics (Rad.T.)	60 credits
Part II:	Subsidiary subjects:	PAT801	Pathology	60 credits
		RBO800	Radiobiology (including Medical Statistics)	30 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance

Part III:	NAM702	Comprehensive Mini-dissertation	64 credits
Major subject:	OKT890	Oncotherapy (including Radiotherapy, Cancer Chemotherapy and Radio-isotopes)	134 credits

Elucidation

- (i) A Comprehensive Mini-dissertation (NAM702) must be submitted before Part III of the examination may be written.
- (ii) A maximum of two attempts each will be permitted for assessment of Part I and II.

Residency (RES): Four years.

(24) Urology - M.Med.(Urol.) **Study code 8728**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		APB700	Anatomical Pathology	60 credits
Part II:	Subsidiary subject:	CHR800	General Surgery Principles including Intensive Care	152 credits
		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	URL890	Urology	192 credits
		NAM702	Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) Continuous evaluation involves internal and external evaluation as well as critical evaluation of publications and participation in scientific research forums.
- (ii) Each candidate is expected to keep a logbook in which all surgical procedures, performed or assisted with, are recorded. The logbook must be handed in prior to Part III of the assessment and is evaluated by external assessors.
- (iii) During the five-year residency period, each candidate is expected to deliver at least one presentation at the annual Faculty Forum.
- (iv) Part III of the examination may be written only after completion of the Comprehensive mini-dissertation on a urological research project. Alternatively, two publications in recognised scientific journals could be submitted to the Head of Department.
- (v) On recommendation of the Head of Department and on approval by the Executive Committee, School of Medicine exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may be applied to the intermediate examination.
- (vi) The degree M.Med.(Urol) will be awarded after successful completion of one of the two abovementioned examinations as well as the successful completion of the research component, NAM702.
The research component can be one of the following:
 1. A standard research project with the write of a protocol approved by the Faculty of Health Sciences Ethics Committee, the completion of the study and the writing of a research report or an article about the specific research.

2. A “Mini-Cochrane review”, at least five articles from peer-reviewed publications about a specific subject must be critically analysed and discussed after which a conclusion must be reached and a report about the analyses and the conclusion must be handed in.
3. Case studies of at least three different clinical cases with a detailed and complete literature review about every case.
4. At least one publication in a peer-reviewed publication if it is motivated by the Head of Department and approved by the Executive Committee of the School of Medicine.

Residency (RES): Five years.

(25) Medical Virology – M.Med.((Med.Virol.) **Study code 8729**
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	*MKM700 Microbiology	175 credits
		VIR701 [#] Virology	120 credits

[#]Approved facet(s) of CEP701, HEM701, MKM701, VIR701 and ANP701 (see Reg. MGH2.7 1(e)).

*The abovementioned subject may be offered in consultation with the Head of Department(s) concerned.

		NAM701 Research Methodology	12 credits
		GPV703 Health Care Practice	Attendance
Part II:	Major subject:	VIR890 Virology	284 credits
		NAM702 Comprehensive Mini-dissertation	64 credits

Elucidation:

- (i) A rotation period of six months in Medical Microbiology is a prerequisite, after which an examination in Medical Microbiology will be written as part of continuous evaluation.
- (ii) The successful completion of the modules in Research Methodology (NAM701) and Health Care Practice (GPV703), as well as the completion of a Comprehensive Mini-dissertation (NAM702) is a prerequisite for the conferment of the degree (see Reg. MGH2.6.1. as well).
- (iii) The topic for the Comprehensive Mini-dissertation will be determined in consultation with the Head of Department.
- (iv) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University’s primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the intermediate examination.

Residency (RES): Four years during which sufficient experience must be gained in related aspects of bacteriology, paracytology, mycology, molecular biology and immunology.

(26) Medical Genetics – M.Med.(Med.Gen.) **Study code 8742**
480 Credits (including compulsory general modules)

Part I:	Basic sciences:	MNG800	Medical Genetics (Basic sciences)	142 credits	
		SIL709*	Psychology (Counselling Skills)	60 credits	
	*Subject to amendment		NAM701	Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance	
Part II:	Major subject:	MNG890	Medical Genetics (clinical applications)	202 credits	
		NAM702	Comprehensive Mini-dissertation	64 credits	

Elucidation:

- (i) The curriculum for Part I and II is determined by the Programme Head in accordance with external assessment bodies (the latter as approved by the Faculty Board), as far as possible to satisfy the requirements of internal assessment (Part I) and internal/external assessment as well as an alternative option of total external assessment (Part I and II). This curriculum will include aspects such as cytogenetics, molecular genetics, biochemical genetics, prenatal testing, medical ethics and principles of genetic counselling.
- (ii) Total external assessment of Part I and/or Part II, satisfying the requirements as determined by the programme head, could in addition serve as pass requirement of Part I and/or II. The special requirements of the external examination body, which are not necessarily defined in these regulations, must still be satisfied.
- (iii) Part II of the assessment or external examination may be written only after completion of a research report (NAM702, Reg. MGH2.6.1). The research report must either be published in a peer reviewed journal or presented at a national congress where abstracts are selected.
- (iv) Assessment in Part II is based on internal/external examination and includes equivalent written examination, OSCE examination, oral examination (if required), and clinical examination. Passing the clinical examination individually is a prerequisite for passing Part II.
- (v) Appropriate experience in clinical and laboratory skills must be supported by the presentation of a logbook and certification thereof by the Head of the Programme (see Reg. MGH2.3).

Residency (RES): Four years.

(27) Paediatric Surgery – M.Med.(Paed.Surg.) **Study code 87241**
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANM700	Anatomy	60 credits
		FFM700	Physiology (Medicine)	60 credits
		APB700	Anatomical Pathology	60 credits

Part II:	NAM701	Research Methodology	12 credits
	GPV703	Health Care Practice	Attendance
Subsidiary subject:	CHR800	General surgical principles, including Intensive Care	152 credits
Part III:	NAM702	Comprehensive Mini-dissertation	64 credits
Major subject :	PCH890	Paediatric Surgery	192 credits

Elucidation

- (i) The research report must be completed six months before the final examination is written, failing which admission to the examination will be denied.
- (ii) The research report must be passed individually in order to obtain the degree.
- (iii) Continuous evaluation will count as part of the final assessment.
- (iv) Logbook: Candidates must keep a logbook in which all the surgical procedures performed or assisted are recorded. This logbook must be handed in before the Part III examination is written.
- (v) On recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, exemption from the University's primary examination could be granted, if the SA Colleges of Medicine primary examination has already been passed. The same principle could be applied for the intermediate examination.

Residency (RES): Five years

(28) Community Health - M.Med.(G.G.) **Study code 8730**
480 Credits (including compulsory general modules – excluding NAM702)

(a) Part I	VKG701	Communicable and non-communicable health-related conditions	40 credits
	VKG702	Administration/management theory and behavioural sciences	40 credits
	VKG703	Theory of epidemiology, biostatistics and demography	40 credits

Assessment:

One three-hour assessment paper in each of VKG701, VKG702 and VKG703. The assessment for Part I may not be written before the end of the first year of training.

(b) Part II	VKG704	Community Health	60 credits
	(i)	Administration/Management of Health Services	
	(ii)	Systematic and Interventional Epidemiology	
	(iii)	Environmental Health	
(c) Script	VKG705	Script	60 credits
	*VKG705 will replace NAM702		

Elucidation:

- (i) The first part of the assessment will consist of a one three-hour assessment paper on each of the abovementioned disciplines (i), (ii) and (iii). The second part of the assessment will be a practical assessment based on the recommendation of the Head of Department.

- (ii) After the student has passed Part I, at least 12 months must elapse before he/she may sit for Part II of the assessment. This assessment may not be written before the end of the third year of training.
- (iii) The formal assessment of SA College of Public Health Medicine could be used as an alternative assessment for the first part of assessment of VKG704 providing that the candidate complies with conditions/regulations set by the SA College of Public Health Medicine. This assessment may not be written if the six-monthly assessment reports from the Head of Department indicate that the student is not yet ready and not before the end of the third year of training.
- (iv) The second part of the assessment for VKG704 will still be conducted as described in the regulations.
- (v) Before the degree is conferred upon a student, he/she must submit an acceptable script (VKG705) on an approved discipline.
- (vi) The script (VKG705) may be submitted at any time after two years of student training if the student is officially appointed in an approved registrar post and registered for the M.Med degree at this University.
- (vii) Two external examiners will be appointed by the Head of the Department Community Health for the assessment of the submitted script.
- (viii) The student must have completed and passed VKG705 before he/she could report for the assessment of VKG704.

Residency (RES): Four years

NOTE:

Practical training and service rendering take place on a rotation basis at various institutions rendering health services and in various health service situations as determined by the Head of Department.

(29) Family Medicine – M.Med.(Fam.) **Study Code 8753**
480 Credits (including compulsory general modules – excluding NAM702)

REGULATIONS FOR MAGISTER IN MEDICINE (FAMILY MEDICINE)

Students who apply to be admitted for the degree are subject to a selection process.

A student must comply with both the stipulations of the General Regulations for master's degrees and the regulations of the Faculty of Health Sciences.

Admission requirements

Before a student may register for the M.Med.(Fam.) degree, he/she must:

- (a) Have been in possession of the M.B.,Ch.B. degree from this University for a period of at least two years, or a qualification deemed equivalent by the University.
- (b) Have been registered as a medical practitioner with the Health Professions Council of South Africa (HPCSA) for at least one year in terms of the Health Professional Act, Act 56 of 1974 in a category as approved.

Duration of programme

The duration of training extends over four years during which a candidate must be employed in an approved registrar post.

Clinical experience

Before the M.Med.(Fam) degree is conferred on a student, he/she must convince the University that he/she:

- (a) Successfully completed training at hospitals of the Faculty of Health Sciences at the University of the Free State or at another hospital, institution and practice recognised as equivalent by the University for a period of four years, according to the requirements of the department.
- (b) Received theoretical, practical and clinical instruction as prescribed by the programme.
- (c) Was registered as student at the University for the prescribed period.
- (d) Successfully completed the prescribed University assessment – written, oral, logbooks, portfolios, practical and/or clinical and a Comprehensive mini-dissertation – as prescribed.

Curriculum

(a) Elective modules

Three of the following elective (choice) modules must be selected for Part I and those specific modules are continued in Part II and III and finally assessed in Part IV.

MAH	Woman's Health
CNH	Neonatal and Child Health Care
PAL	Palliative Care
EME	Accident and Emergency Care
CFM	Clinical Forensic Medicine
PHC	Primary Health Care, including TB, STD and HIV
SAC	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
DIS	Dispensing

(b) Part I

BFM701	(16C)	Applied Basic Medical Sciences (Family Medicine)
KHA700	(48C)	Clinical family medicine
VKG700	(8C)	Community Health
PRV801*	(4C)	Managing medical practice
SKR891*	(16C)	Comprehensive mini-dissertation
GEG891*	(4C)	Family Health

* Continuation provided all requirements are met

Plus: Any three of the following elective modules:

MAH891	(8C)	Woman's health
CNH891	(8C)	Neonatal and Child Health Care
PAL891	(8C)	Palliative Care
EME891	(8C)	Accident and Emergency Care
CFM891	(8C)	Clinical Forensic Medicine
PHC891	(8C)	Primary Health Care including TB, STD and HIV
SAC891	(8C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
DIS891	(8C)	Dispensing

(c) Part II

BFM702	(16C)	Applied Basic Medical Sciences (Family Medicine)
KHA800	(48C)	Clinical Family Medicine
PRV802	(12C)	Managing Medical Practice
SKR892*	(16C)	Comprehensive Mini-dissertation
GEG892*	(4C)	Family Health

* Continuation provided all requirements are met

Plus: The three elective modules in Part I

MAH892	(8C)	Woman's Health
CNH892	(8C)	Neonatal and Child Health Care
PAL892	(8C)	Palliative Care
EME892	(8C)	Accident and Emergency Care
CFM892	(8C)	Clinical Forensic Medicine
PHC892	(8C)	Primary Health Care including TB, STD and HIV
SAC892	(8C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
DIS892	(8C)	Dispensing

Before completing Part II a candidate is expected to have successfully completed the requirements of the modules NAM701 and GPV703.

(d) Part III

KHA890	(48C)	Clinical Family Medicine
GEG893	(32C)	Family Health
SKR893*	(16C)	Comprehensive Mini-dissertation

* Continuation provided all requirements are met

Plus: The three selected elective modules in Part II

MAH893	(8C)	Woman's Health
CNH893	(8C)	Neonatal and Child Health care
PAL893	(8C)	Palliative Care
EME893	(8C)	Accident and Emergency Care
CFM893	(8C)	Clinical Forensic Medicine
PHC893	(8C)	Primary Health Care including TB, STD and HIV
SAC893	(8C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
DIS893	(8C)	Dispensing

(e) Part IV

SKR894	(48C)	Comprehensive mini-dissertation
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* SKR894 will replace NAM702

Plus: The three elective modules in Part III

MAH894	(24C)	Woman's Health
CNH894	(24C)	Neonatal and Child Health Care
PAL894	(24C)	Palliative Care
EME894	(24C)	Accident and Emergency Care
CFM894	(24C)	Clinical Forensic Medicine
PHC894	(24C)	Primary Health Care including TB, STD and HIV
SAC894	(24C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
DIS894	(24C)	Dispensing

Students must submit an approved research topic before they can commence with Part II, an approved protocol before they can commence with Part III and must submit their research data before they can commence with Part IV.

Between Part III and Part IV it will be expected of the candidate to successfully complete a national outlet examination. This examination is currently tendered to the College of Family Physicians and comprises Part I of the FCFP examination.

Before being admitted to the assessment for Part IV, the student must submit a satisfactory Comprehensive mini-dissertation on an approved discipline.

Assessment

End of second semester	-	Part I
End of fourth semester	-	Part II
End of sixth semester	-	Part III
End of eighth semester	-	Part IV

The combinations for registration and the assessment programme may be altered with the approval of the Head of Department and approval of the Executive Committee, School of Medicine.

Pass mark and distinction

- (a) A minimum of 50% is required to pass an assessment.
- (b) The master's degree is awarded with distinction if a student obtains a weighted combined average percentage of 75% in the following disciplines:

KHA800/890	Clinical Family Medicine
GEG891/892/893	Family Health
PRV801/802	Practice Management
SKR891/892/893/894	Comprehensive Mini-dissertation

Plus the three elective modules:

MAH891/892/893/894	Woman's Health
CNH891/892/893/894	Neonatal and Child Health Care
PAL891/892/893/894	Palliative Care
EME891/892/893/894	Accident and Emergency Care
CFM891/892/893/894	Clinical Forensic Medicine
PHC891/892/893/894	Primary Health Care including TB, STD and HIV
SAC891/892/893/894	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
DIS891/892/893/894	Dispensing

- (c) Assessment in KHA890 comprises an OSCE, written paper, portfolio and oral. Both the written paper and the OSCE must be passed individually in order to pass KHA890.
- (d) Assessment of the elective modules comprises written examinations, OSCE and continuous evaluation by means of logbooks, case studies and portfolios. All three sections, namely written examinations, OSCE and continuous evaluation, must be passed individually in order to pass the elective modules.

Special assessment

- (a) Students who failed the assessment at the end of the semesters as determined in respect of Parts I and II will be allowed to write an assessment in the additional examination opportunity provided that not more than two modules were failed, in which case Part I/II is to be repeated.
- (b) Students who failed the assessment at the end of Part III and Part IV (maximum of two modules) will be allowed to write an assessment after six months.
- (c) Students will only be allowed to repeat an assessment once.
- (d) Further assessments will be allowed only with the approval of the Head of the School of Medicine and on the recommendation of the Heads of Departments concerned.
- (e) In exceptional cases the Head of the School of Medicine may give permission for leave of absence, provided that the student has made prior arrangements with the Head of the School. A student who failed to write an assessment without a sufficient reason or prior arrangement does not qualify for a special assessment.

APPLICABLE TO ALL M.MED DEGREES:

Reg. MGH2.7 Assessment

- (i) The examination may be written in June or November, only during the first examination opportunity.
- (ii) Students must annually notify the Postgraduate Administration Office of the Faculty in writing (required form) before 15 February or 15 July of their intention to sit for the June or November assessment.
- (iii) For M.Med. programmes extending over four years the student must pass two official examinations, the primary (Part I) and final (Part II) examinations.
- (iv) For M.Med. programmes extending over five years the student must pass three official examinations, the primary (Part I), the intermediate (Part II) and the final (Part III) examinations.
- (v) The Health Professions Council of South Africa (HPCSA) requires that specialists sit for uniform exit examinations. This examination will be recognised as equivalent to the final examination.

Reg. MGH 2.7.1 Primary – Part I of the assessment: All disciplines

- (a) Examination in all the basic subjects must be written simultaneously, except in the disciplines Anaesthesiology, Ophthalmology, Radiation Oncology and Psychiatry where students may write assessment in any of the basic subjects. The assessment in Anatomy, Physiology and Anatomic Pathology (where applicable) comprises of a written and oral examination in each of the stated subjects.
- (b) M.Med. (Chem.Pat.), (Med.Microb.), (Haem.), (Med.Virol.) and (Anat.Pat.): Part I of the examination could be written on an approved facet or facets of Pathology in consultation with the Head of Department (module codes CEP701, HEM701, MKM701, VIR701 and ANP701). M.Med. (Haem.): Part I of the College of Pathologists (Haematology) of the SA Colleges of Medicine is recognised as being equivalent to the M.Med. (Haem.) Part I assessment.

- (c) To pass a subject in disciplines where all the subjects must be written simultaneously, an assessment mark of at least 40% must be obtained in each of the other subjects in which simultaneous examination had been written.
- (d) A student will be allowed to continue with the M.Med. programme if, 18 months after registering for the degree, he/she has passed at least one of the basic subjects in the disciplines where there are two subjects, or two of the basic subjects in the disciplines where there are three or more subjects (excluding disciplines Surgery, Diagnostic Radiology, Cardiothoracic Surgery, Neurosurgery, Obstetrics and Gynaecology, Orthopaedic Surgery, Otorhinolaryngology, Plastic Surgery and Urology) and provided that he/she had passed all the subjects of Part I two years after commencement of the programme.
- (e) Failed modules or examinations must be successfully completed at the first following reassessment. A student who does not adhere to these requirements cannot continue with the specific M.Med. programme. The Head of Department may recommend, in special circumstances only, and with approval of the Executive Committee, School of Medicine that the candidate may continue.
- (f) M.Med. in Anaesthesiology, Internal Medicine and Paediatrics: Part I of the assessment as a whole must be passed within 24 months after commencement of the programme.
- (g) M.Med.(O. et G.) and M.Med. in Surgery, Cardiothoracic Surgery, Neurosurgery, Otorhinolaryngology and Plastic Surgery: Part I of the assessment as a whole must be passed within 18 months after commencement of the programme (including reassessment). A student who does not comply with this condition may continue with the programme only on the recommendation of the Head of Department.
- (h) M.Med.(Rad.D.): Part I of the examination must be written simultaneously in all the subjects at the end of the second semester after first registration. At least two basic subjects must be passed during the first opportunity that the student participates in the examination. All the basic subjects must be passed within three semesters. If a student fails to comply with this condition, he/she will be admitted to further studies only on the recommendation of the Head of Department.
- (i) M.Med.(Urol.) and M.Med.(Orthop.): The candidate is expected to complete Part I of the examination at the end of the first year of residency. The candidate will be permitted to repeat Part I of the assessment once, six months after the first attempt. Only in highly exceptional cases and with the approval of the Head of the School of Medicine will a third attempt be permitted.
- (j) M.Med.(Ophth.): The candidate has two opportunities to write the examination, unless there are special circumstances, in which instance the Head of the School of Medicine will be consulted regarding the final decision.
- (k) M.Med.(Derm.): Part I of the College of Dermatology of South Africa is recognised as equivalent for the M.Med. Part I.
- (l) No student will be permitted to write Part II while holding the post of medical officer.

Elucidation

- (i) Disciplines could exercise the choice to personally conduct Part I of the assessment, or to have it conducted by the relevant SA Colleges of Medicine.

- (ii) M.Med. students who register for the degree at this University must write Part I of the M.Med. programme at this University, with the exception of disciplines that recognise Part I of the relevant SA Colleges of Medicine as an equivalent examination.
- (iii) Exemption from basic subjects may be granted on the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, after being satisfied that the student has passed an equivalent assessment at an institution recognised by the University.

**Reg. MGH2.7.2 Intermediate – Part II of the assessment: Five year programmes
Final – Part II of the assessment: Four year programme**

- (a) After a student has passed Part I, at least 12 months must elapse before he/she reports for Part II of the assessment with the consent of the relevant Head of Department.
- (b) With the exception of Surgery, Diagnostic Radiology, Forensic Medicine, Cardiothoracic Surgery, Nuclear Medicine, Neurosurgery, Obstetrics and Gynaecology, Orthopaedic Surgery, Otorhinolaryngology, Plastic Surgery, Psychiatry, Radiation Oncology and Urology this examination may not be written before the end of the third year of study.
- (c) M.Med. in Surgery, Cardiothoracic Surgery, Neurosurgery, Orthopaedic Surgery, Otorhinolaryngology, Plastic Surgery and Urology: a Student must pass Part II (subsidiary subjects) as a whole within 18 months of having passed Part I (includes reassessment).
- (d) M.Med.(D.Rad.): Examination must be written in Pathology (PAT800) before five semesters after registration for the degree.
- (e) All failed intermediate (Part II) exams must be successfully completed at the first following re-assessment. A student who does not adhere to these requirements cannot continue with the specific M.Med. programme. The Head of Department may recommend, in special circumstances only, and with approval of the Executive Committee, School of Medicine that the candidate may continue and is given a third chance to repeat Part II.
- (f) M.Med.(Clin.Path.): Individual examinations are written in the disciplines Chemical Pathology, Haematology and Medical Microbiology after a residency period of at least 18 months in each discipline.
- (g) M.Med.(Chem.Path.), (Med.Microb.), (Haem.), (Anat.Path.) and (Med.Virol.): Part II of the assessment may be written after a minimum of three academic years of study.
- (h) M.Med.(Anaes.): Part II of the assessment may only be written three years after commencement of the programme and having passed Part I. The conferring of the degree is subject to passing the major discipline (ANS890), three months' residency in a critical care unit and the submission of a portfolio as set out in Reg. MGH2.6.1(b). The final examination, Comprehensive mini-dissertation and aspects of continuous evaluation are assessed by the external examiner(s).
- (i) M.Med.(Med.Forens.): After a student has passed the Part I assessment, at least 24 months must elapse before Part II of the examination may be written.
- (j) M.Med.(O. et G.): After a student has passed the Part I assessment, at least 12 months must elapse before Part II of the examination may be written. However, Part II must be passed within 36 months after commencement of the programme.
- (k) M.Med.(Ophth.): The final examination must be written as close as possible to the end of the residency period. The final examination of the College of Ophthalmologists of the SA Colleges of Medicine will serve as final examination. The degree M.Med.(Ophth.) will be conferred after successful completion of the final examination of the College of Ophthalmologists of the SA Colleges of Medicine and

provided that the Research Component (NAM702) has been passed. The candidate has two opportunities to sit for the examination, unless there are special circumstances in which instance the Head of the School of Medicine will be consulted for final approval.

- (l) M.Med.(Urol.): Part II of the examination must be written at the end of the second year of study. Repeating as in the case of Part I will be permitted.
- (m) M.Med.(Derm.): Part II of the College of Dermatology of South Africa (FCDerm) is recognised as equivalent of the final assessment of DER890. In order to obtain the degree M.Med.(Derm.), the candidate must pass the examination in PLH890, as an equivalent examination is not offered by the college at present. Permission to write FC(Derm) Part II will only be granted after successful completion of PLH890.
- (n) M.Med.(Haem.): Part II of the College of Pathologists (Haematology) (FCPath Haem) of the SA Colleges of Medicine is recognised as equivalent to HEM890. In order to obtain the degree M.Med.(Haem.), a candidate must have satisfied the requirements of modules NAM701, NAM702 and GPV703. Permission to sit for the FCPath Haem Part II will be granted only after successful completion of NAM701 and NAM702, and the attendance of GPV703.

**Reg. MGH2.7.3 Final – Assessment of Part II of four-year programmes
Final – Assessment of Part III of five-year programmes**

- (a) The final exam may not be written before the end of the final year of study, except with the permission of the Head of Department. At least 12 months must elapse after the previous examination has been successfully completed. A student for the degree M.Med.(D.Rad.) must write the assessment in the major subject (DIR890) at the end of the fourth year of study (and not earlier).
- (b) External assessment is compulsory at any final (Part III) examination.

Reg. MGH2.7.4 Continuous evaluation

Elucidation:

- (i) Continuous evaluation with appropriate feedback is done throughout the course of the training. External assessment could be involved. This could contribute to 40% of the final combined mark of the major subject.
- (ii) External evaluation must occur at least once during continuous evaluation, as well as during the final assessment
- (iii) The compulsory research component of all M.Med. programmes must be completed and assessed to be admitted to the final examination for both the University and College options.
- (iv) The planned final board examination may be recognised by the University as the final assessment of all M.Med. programmes. (The same principle may be applied for the final assessment at the SA Colleges of Medicine.)

Reg. MGH2.7.5 Examination results

Within five working days after the preliminary examination results have been affixed to a specified notice board in the Faculty, a student may apply to have a specific examination script reviewed for mistakes, should a written paper be involved.

Should there only be an oral assessment involved, points (a) to (h) are replaced with a discussion with the Head of Department. Should a student still be dissatisfied with the result, the student has the right to immediate appeal to the Academic Appeals Committee

of the Faculty of Health Sciences. A written request in this regard must be submitted to the Deputy-Director at least five days after the examination results have been made known.

Elucidation:

- (a) This request must be submitted to the office of the Deputy-Director, room D211, Francois Retief Building. Copies are made of the written request of the student, the date affixed and it is sent to the relevant Head of Department and Programme Director, in coordination with the Head of the School. Both the student and the office retain copies for record purposes.
- (b) The Head of Department will be notified telephonically by Faculty Administration.
- (c) The Head of Department will review the examination script for mistakes or to check if marks were correctly added and if all questions were marked. (No searching for marks will be tolerated.)
- (d) Should a change in marks need to be effected due to a calculation mistake or a question not marked, the details will be sent in writing to the Deputy-Director and Head of the School.
- (e) The amendment of the mark, should it be to the benefit of the student, could be effected in cooperation with the Head of the School and the Dean.
- (f) Should the student still be dissatisfied with the results of the review of the examination script, the student has the right to immediate appeal via the Head of Department to the Dean for a re-marking of the examination script. A written request in this regard must also be submitted within the same five working days to the Deputy-Director. Should the Head of the School/Dean approve the request; the Head of Department will be requested to re-mark the entire examination script.
- (g) The results in respect of the re-marking are sent to the Deputy-Director for presentation to the Dean/Head of the School of Medicine. Should the results of the re-marking be to the benefit of the student, the amended mark will be awarded to the student, otherwise the original mark is maintained.
- (h) Costs may be incurred during the re-marking, which must be carried by the student.
- (i) Should a student, after the above steps have been followed, still be dissatisfied with the results, the student has the right to immediate appeal to the Academic Appeals Committee of the Faculty of Health Sciences. A written request in this regard must be submitted to the Deputy-Director at least five days after the examination results have been made known.
- (j) The decision of the Appeals Committee is final and the student will be informed in writing of the final result of the Appeals Committee. No additional motivations will be considered after the final decision of the Appeals Committee.

Reg. MGH2.8 Pass with distinction

A student passes with distinction if at least 75% had been obtained in the final combined mark.

Elucidation:

The final combined mark comprises continuous evaluation and where applicable, the Comprehensive mini-dissertation and the final examination mark of the major subject(s).

Reg. MGH2.9 Reassessments

- (a) An M.Med. student may not write a reassessment in a subject before at least six months have elapsed after the assessment in which he had failed the subject concerned.

Elucidation:

- (i) The candidate is expected to participate in the following assessment opportunity (Comprehensive mini-dissertation excluded).
- (ii) In the disciplines Surgery and Orthopaedic Surgery, all the subjects must be written simultaneously during reassessment of Part I.
- (b) In the case of Part II and Part III of the assessment, the examination as a whole must be repeated.

Reg. MGH2.10 Extension of the study period

A student who fails the final assessment of a M.Med. programme at the end of the residency period, as determined for each discipline, will be allowed to retain his post as registrar for a period of six months or as the Head of Department may determine and with the recommendation of the Executive Committee of the School of Medicine.

Elucidation:

The student may be appointed in another post in die department during this time, but must still be a registered student.

Reg. MGH2.11 Conferment of the degree

Before the M.Med. degree is conferred on a student; he/she must convince the University that he/she:

- (a) Has, in accordance with the requirements of the relevant discipline, successfully held a full-time training post for a full residency period of four or five years at the training hospitals of the Faculty of Health Sciences at the University of the Free State or another institution recognised as equivalent by the University.
- (b) Has received theoretical, practical and clinical training for the prescribed duration of the degree programme.
- (c) Has satisfactorily attended the modules in both Research Methodology and Health Care Practice.
- (d) Has been registered with the University as a student for the degree M.Med. for the prescribed period.
- (e) Has successfully completed the generic modules, assessments, including the Comprehensive mini-dissertation in accordance with the requirements of the relevant M.Med programme.

Reg. MGH3 REGULATIONS FOR THE DEGREE MAGISTER IN MEDICAL SCIENCE

A student must comply with both the stipulations of the General Regulations for master's degrees and the regulations of the Faculty of Health Sciences.

Reg. MGH3.1 Admission requirements

To be allowed to register for the degree M.Med.Sc. a student must be in possession of one of the following:

- (a) The degree B.Med.Sc.Hons. with the understanding that a student may be required to do supplementary work.
- (b) The degree M.B.,Ch.B. or an equivalent qualification, with the understanding that a student may be required to do supplementary work. In this case, the dissertation may not be submitted within three semesters after registration unless the University, on the recommendation of the Faculty, grants special leave thereto.

Reg. MGH3.2 Disciplines

The degree M.Med.Sc. may be offered in any of the following disciplines in the Faculty of Health Sciences:

Anatomy and Cell Morphology (ANA)	Human Molecular Biology (MBG)
Anatomical Pathology (ANP)	Immunology (IMN)
Biostatistics (BST)	Medical Microbiology (MKM)
Cardiothoracic Surgery (KTC)	Medical Physics (BFK)
Chemical Pathology (CEP)	Radiation Oncology (OKT)
Clinical Radiology (RBO)	Pharmacology (Analytical/Clinical) (FRM)
Critical Care (KRS)	Physiology (FFG)
Haematology and Cell Biology (HEM)	Virology (VIR)
Human Genetics (MNG)	

The module code comprises the abbreviation of the discipline followed by the code **709**.

With the exception of study in the Department of Critical Care, a dissertation must be submitted. In the Department of Medical Physics the degree may be offered as a structured master's or with a dissertation.

1. Medical Physics (Structured)**Study code 8731**

Admission requirements

Admission to the programme is subject to recommendation by the Programme Head.

A student must be in possession of a B.Med.Sc.Hons, M.Sc. or Ph.D. degree in Physics or an equivalent qualification.

Suitable prior learning and experience will be taken into account for admission.

Composition

BFK754	Radiation Biology (Medical Physics)	16 credits
BFK714	Radiation Physics	16 credits
BFK724	Medical Physics for Diagnostic Radiology	16 credits
BFK744	Medical Physics for Nuclear Medicine	16 credits
BFK764	Radiation Treatment Planning	16 credits
BFK784	Radiation Treatment Modalities	16 credits
BFK734	Radiation Protection	16 credits
BFK791	Extended Script	88 credits

Elucidation:

The course content and course values may be amended as the Head of Department deems fit.

Duration of programme

The minimum duration of the study is two years.

Assessment

One three-hour assessment paper at the end of the semester in each module.
BFK791 Extended Script will be subject to external evaluation.

Admission to assessment opportunity

A minimum module mark of 40% is required to gain admission to the assessment.

Elucidation:

Students are required to utilise the first assessment opportunity for all modules. Students can only qualify for participation in the second opportunity if they have participated in and qualified for the first opportunity.

Composition of module marks

A student's written, oral and/or practical work conducted during the module contribute to the module mark. Details of the composition of the module mark are included in the individual module guides.

Pass requirements

See General Regulations.

For each module (excluding BFK791) both the module mark and the assessment mark contribute 50% to the final combined mark.

For BFK791 the mean mark awarded by the internal and external assessors will be used with a minimum pass mark of 50%.

Re-evaluation

See General Regulations.

2. Critical Care**Study code 8732**

KRS700	Critical Care (two written assessment papers and an oral assessment)
KRS791	Script

Elucidation

- (a) A Faculty Committee will evaluate the project. The title of the script will only be submitted to the Faculty Board only on the recommendation of the committee.
- (b) After completion of the practical part of the research, or at a time determined by the study leader, the student must submit and justify his/her research results to the committee. The committee's recommendations will serve as guidelines for the study leader and the student.

Duration of programme

The minimum duration of the study is two years (working in an accredited Intensive Care Unit).

Pass requirements

See General Regulations.

3. Medical Physics (Dissertation)**Study code 8738**

Admission requirements

Admission to the programme is subject to recommendation by the Programme Head. A student must be in possession of a B.Med.Sc.Hons degree in Medical Physics or an equivalent qualification.

Suitable prior learning and experience will be taken into account for admission.

Composition

BFK700	Dissertation	200 credits
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Duration of programme

The duration of the programme is two years, but under special circumstances, with approval of the Head of Department, the study may be completed within one year of full-time study.

Pass requirements

See General Regulations.

Reg. MGH4 REGULATIONS FOR THE DEGREE MAGISTER IN SPORTS MEDICINE

Students must comply with both the stipulations of the General Regulations for master's degrees and the regulations of the Faculty of Health Sciences.

Reg. MGH4.1 Admission requirements

To be allowed to register for the degree Magister in Sports Medicine, a student must be in possession of:

- a) M.B.,Ch.B. or equivalent qualification
- b) Full registration as a medical practitioner with the Health Professions Council of South Africa (HPCSA).

Students must be practising as medical practitioners, and have completed internships as well as community service.

The Head of the Programme must recommend admission to the programme. Applicable prior learning and experience will be recognised when admission is sought.

Selection is applicable with final approval of the Executive Committee, School of Medicine.

Reg. MGH4.2 Duration of programme

The programme extends over three years (300 credits)

Reg. MGH4.3 Curriculum

Module work:	180 credits
Research (research project and module work)	120 credits
Clinical learning: CLL705 extends over three years (<i>case logbooks, patient presentations, academic discussions, clinical skills unit, elective period at recognised facilities</i>)	100 credits
Research project: RPJ791 extends over three years	100 credits

Year organisation:

Year 1:

- Modules:
 - Research methodology NAV705 20 credits
 - Basic Medical Sciences BCS705 20 credits
 - Exercise physiology EXP705 20 credits
- Clinical learning (Continuation 20 of 100 credits) CLL705 100 credits
- Research project: (Continuation 20 of 100 credits) RPJ791 100 credits
 - Development of a research protocol

Year 2:

- Modules:
 - Cardiopulmonary system CPS704 8 credits
 - Applied Sports Medicine ASM703 12 credits
 - Clinical Exercise Medicine EXM703 8 credits
 - Clinical Sports Medicine CSP703 12 credits

- Clinical learning (continuation 20 of 100 credits) CLL705 100 credits
- Research project: (continuation 40 of 100 credits) RPJ791 100 credits
 - Literature study and empirical research

Year 3:

- Modules:
 - Clinical sports medicine CSM703 12 credits
 - Orthopaedic sports medicine OSG705 28 credits
- Clinical learning: (continuation 60 of 100 credits) CLL705 100 credits
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project: (continuation 40 of 100 credits) RPJ791 100 credits
 - Writing and completion of research project

Reg. MGH4.4 General

Module work and clinical learning modules will be presented in a minimum of 24 days of attendance per year, spread evenly over each year.

Reg. MGH4.5 Assessment

1. Competency will be proved by demonstration of stated outcomes to comply with standards set by the University of the Free State and the Faculty of Health Sciences. Efficiency and effectiveness in the achievement of stated outcomes and general performance in sports and exercise medicine and as researcher will be assessed. Students will be required to offer proof of competency through various means, including case portfolios, discussions, assignments, practical demonstrations and concept scientific articles. Skills will be assessed in real settings. The research project will be assessed in accordance with the General Regulations of the University of the Free State related to research.
2. Assessments in the programme will follow an integrated and continuous approach.
3. Assessments of practical work and elective periods will be through negotiated or contracted work in the field of sports and exercise medicine. This will include peer assessment.
4. A module credit system applies. In cases where an average module mark of 65% has not been obtained, the year one and two end assessment will comprise a written and/or oral examination, whilst at the end of year three a written, oral and practical examination will be taken and the research project will be evaluated.

Reg. MGH4.6 Promotion and distinctions

Students who obtain a module mark of 65% or more in the first or second year may be promoted for that module to the next year without having to sit for a formal examination. However, students with a module mark of 65% or more will be allowed to, should they wish, take the examination to improve their marks or obtain a distinction. The master's degree is awarded with distinction if the student obtains a weighted combined average percentage of 75 % over the three years, and the research project is completed within the prescribed time.

M. SPORTS MEDICINE

DURATION 3 YEARS
9 MODULES
+ 3 CLINICAL LEARNING MODULES
+ RESEARCH PROJECT

YEAR 1:
CLINICAL LEARNING: 1 MODULE
 • RESEARCH PROJECT: PROTOCOL
 • 3 MODULES: RESEARCH METHODOLOGY
 BASIC MEDICAL SCIENCES
 EXERCISE PHYSIOLOGY

YEAR 2:
CLINICAL LEARNING: 1 MODULE
 • RESEARCH PROJECT: LITERATURE STUDY AND
 EMPIRICAL RESEARCH
 • CLINICAL EXERCISE MEDICINE
 • APPLIED SCIENCES
 • CLINICAL SPORTS MEDICINE

UFS SCHOOL OF MEDICINE

YEAR 3:
 • CLINICAL LEARNING: 1 MODULE
 • RESEARCH PROJECT:
 FINAL RESEARCH PROJECT AND CONCEPT
 ARTICLES
 PRESENTATION OF RESEARCH
 • SPORTS INJURIES
 • ORTHOPAEDICS

CLINICAL LEARNING MODULES:
 1. CONTACT SESSIONS
 2. CASE STUDIES AND PRESENTATIONS
 3. CLINICAL SKILLS DEVELOPMENT

**MODULES DIRECTED SELF-STUDY FOLLOWED BY
 CONTACT SESSIONS**

Programme Planner: Dr L Holtzhausen

EVALUATION:
 1. END OF 1ST AND 2ND YEAR OF STUDY: FORMAL
 WRITTEN AND/OR ORAL EXAMINATION
 2. CONTINUING EVALUATION THROUGHOUT
 • TESTS
 • PATIENT PRESENTATIONS
 • CLINICAL LOGBOOK
 • ELECTIVE PERIODS
 3. RESEARCH PROJECT AT END OF 3RD YEAR

MAGISTER DEGREE: 300 CREDITS
LEARNING CREDITS: 200
RESEARCH CREDITS: 100

100 CREDITS: MODULES: 40C, RESEARCH: METHODOLOGY & PROTOCOL: 40C (20 + 20), CLINICAL LEARNING: 20C

1ST YEAR

RESEARCH METHODOLOGY 20C Code: NAV105	BASIC MEDICAL SCIENCES 20C Code: BCS705 ♦ APPLIED ANATOMY ♦ EXERCISE BIOCHEMISTRY ♦ INTRO TO BIOMECHANICS	EXERCISE PHYSIOLOGY 20C Code: EXP705 ♦ MUSCLE ♦ CARDIOVASCULAR SYSTEM ♦ RESPIRATORY	CLINICAL LEARNING 20C Code: CLL705 ♦ PATIENT LOGBOOKS ♦ PATIENT PRESENTATIONS ♦ ACADEMIC DISCUSSIONS ♦ SASMA ATTENDANCE ♦ CLINICAL SKILLS UNIT ♦ EXAM TECHNIQUES
RESEARCH PROJECT 20C Code: RPJ791			

100 CREDITS: MODULES: 48C, RESEARCH: PROJECT: 40C, CLINICAL LEARNING: 12C

2ND YEAR

MODULES:

CARDIOPULMONARY SYSTEM 8C Code: CPS704 ♦ CARDIOLOGY ♦ PULMONOLOGY	CLINICAL EXERCISE MEDICINE 8C Code: EXM703 ♦ DERMATOLOGY ♦ ONCOLOGY ♦ OBS & GYNAE ♦ NEUROLOGY ♦ RHEUMATOLOGY ♦ PAEDIATRICS ♦ ENDOCRINOLOGY ♦ GASTROENTEROLOGY ♦ NEPHROLOGY	APPLIED SPORTS MEDICINE 12C Code: ASM703 ♦ HAEMATOLOGY & IMMUNOLOGY ♦ FLUID BALANCE ♦ SPORTS NUTRITION ♦ PHARMACOLOGY & ERGOGENICS ♦ PRINCIPLES OF ORTHO REHAB ♦ PRINCIPLES OF EXERCISE PRESCRIPTION	CLINICAL SPORTS MEDICINE 12C Code: CSP703 ♦ EMERGENCY SPORTS MEDICINE ♦ ELITE ATHLETE ♦ ENVIRONMENTAL SPORTS MEDICINE ♦ DIVING MEDICINE ♦ AVIATION MEDICINE ♦ PSYCHOLOGY ♦ MYOLOGY
RESEARCH PROJECT Code: RPJ792 40C LITERATURE STUDY AND EMPIRICAL RESEARCH		CLINICAL LEARNING 20C Code: CLL705	

100 CREDITS: MODULES: 40C, RESEARCH: PROJECT: 40C, CLINICAL LEARNING: 20C

3RD YEAR

MODULES:

CLINICAL SPORTS MEDICINE 12C Code: CSM703 ♦ INTRODUCTION ♦ PREVENTION ♦ RADIOLOGY ♦ PODIATRY	ORTHOPAEDIC SPORTS MEDICINE 28C Code: OSG705 ♦ MUSCLE AND SOFT TISSUE INJURIES ♦ BONE AND BONE STRESS ♦ KNEE ♦ LOWER LEG	♦ ANKLE AND FOOT ♦ HIP AND PELVIS ♦ SPINAL COLUMN	♦ SHOULDER ♦ ELBOW AND FOREARM ♦ WRIST AND HAND
RESEARCH PROJECT 40C Code: RPJ792	WRITING OF RESEARCH PROJECT/ARTICLES ORAL ASSESSMENT	CLINICAL LEARNING 20C Code: CLL705	

**Reg. MGH6 REGULATIONS FOR THE DEGREE MASTER IN MEDICAL
CLINICAL SCIENCES IN TRANSFUSION MEDICINE**

Reg. MGH6.1 Admission requirements

Students may register for the degree M.M.Clin.Sc. (Transfusion Medicine) if he/she:

- a) Complies with both the stipulations of the General Regulations for master's degrees and the regulations of the Faculty of Health Sciences.
- b) Is in possession of a baccalaureus degree in Medicine and a baccalaureus degree in Surgery, or its equivalent.
- c) Is in possession of the Postgraduate Diploma in Transfusion Medicine or equivalent.
- d) Is registered as an independent medical practitioner with the Health Professions Council of South Africa (HPCSA) or equivalent for the country of origin.

Admission is subject to selection.

It is compulsory for candidates to have access to internet and e-mail facilities.

If necessary, the student could be required to pass additional modules, as applicable to the field of study as occasional study.

Reg. MGH6.2 Duration of programme

The programme extends over a minimum period of two years.

Reg. MGH6.3 Curriculum

Dissertation	TMO700	180 credits
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Reg. MGH6.4 Assessment

- a) The research protocol will be evaluated by an evaluation committee of the Faculty.
- b) The title of the dissertation will be submitted to the Faculty Board only on the recommendations of the Executive Committee.
- c) After completion the dissertation will be externally examined on the recommendations of the supervisor(s).

Reg. MGH6.5 Pass requirements

See General Regulations.

Reg. MGH6.6 Re-assessment

See General Regulations.

Reg. MGH7 REGULATIONS FOR THE DEGREE PHILOSOPHIAE DOCTOR

The General Regulations in respect of doctor's degrees apply *mutatis mutandis* to this Faculty.

For admission to registration for the degree Ph.D, a student must comply with the stipulations of the General Regulations and be in possession of the appropriate master's degree from the department concerned, or any other qualification deemed adequate by the University.

The degree Ph.D. may be obtained in any of the following disciplines in the Faculty of Health Sciences:

Anaesthesiology (ANS)	Medical Physics (BFK)
Anatomical Pathology (ANP)	Medical Physiology (FFG)
Anatomy and Cell Morphology (ANA)	Neurology (NER)
Biostatistics (BST)	Neurosurgery (NEU)
Cardiology	Nuclear Medicine (KGN)
Cardiothoracic Surgery (KTC)	Obstetrics and Gynaecology (OBG)
Chemical Pathology (CEP)	Ophthalmology (OFT)
Clinical Radiobiology (RBO)	Orthopaedic Surgery (ORT)
Community Health (VKG)	Otorhinolaryngology (OTO)
Critical Care (KRS)	Paediatrics (PED)
Dermatology (DER)	Pharmacology (Analytical/Clinical) (FRM)
Diagnostic Radiology (DIR)	Plastic Surgery (PUP)
Family Medicine (KHA)	Psychiatry (PSG)
Forensic Medicine (GGN)	Radiographic Sciences
Haematology and Cell Biology (HEM)	Radiation Oncology (OKT)
Human Molecular Biology (MBG)	Surgery (CHR)
Internal Medicine (ING)	Urology (URL)
Medical Microbiology/Virology (MKM/VIR)	

The module code of the discipline registered for comprises the abbreviation of the discipline, followed by the code **901**.

See Reg.M6.

Reg. MGH8 REGULATIONS FOR THE DEGREE OF DOCTOR IN MEDICINE**Reg. MGH8.1 Admission requirements**

A student must comply with both the stipulations of the General Regulations for doctor's degrees and with the special regulations of the Faculty of Health Sciences.

The degree of Doctor of Medicine may be obtained in any of the following disciplines in the Faculty of Health Sciences:

Anatomical Pathology (ANP)	Medical Physics (BFK)
Anatomy and Cell Morphology (ANA)	Medical Physiology (FFG)
Anaesthesiology (ANS)	Neurology (NER)
Biostatistics (BST)	Neurosurgery (NEU)
Cardiology	Nuclear Medicine (KGN)
Cardiothoracic Surgery (KTC)	Obstetrics and Gynaecology (OBG)
Chemical Pathology (CEP)	Ophthalmology (OFT)
Clinical Radiobiology (RBO)	Orthopaedic Surgery (ORT)
Community Health (VKG)	Otorhinolaryngology (OTO)
Critical Care (KRS)	Paediatrics (PED)
Dermatology (DER)	Pharmacology (Analytical/Clinical) (FRM)
Diagnostic Radiology (DIR)	Plastic Surgery (PUP)
Family Medicine (KHA)	Psychiatry (PSG)
Forensic Medicine (GGN)	Radiation Oncology (OKT)
Haematology and Cell Biology (HEM)	Surgery (CHR)
Internal Medicine (ING)	Urology (URL)
Medical Microbiology/Virology (MKM/VIR)	

The module code of the discipline registered for comprises the abbreviation of the discipline, followed by the code **900**.

Elucidation:

- (a) A Faculty Committee will assess the proposed project. The title of the thesis will only be submitted to the Faculty Board only on the recommendation of the committee.
- (b) After completion of the practical part of the research or at a time fixed by the promoter, the student must submit and justify his research results to the committee. The committee's recommendation will serve as guidelines for the promoter and the student.

DOCTOR SCIENTIAE
D.Sc.

360 Credits
Study code 8940

Reg. MGH9

REGULATIONS FOR THE DEGREE DOCTOR SCIENTIAE

The degree D.Sc. may be conferred on a person in possession of a doctor's degree who has, over a significant period, produced comprehensive publications of considerable quality in his/her discipline.

The module code of the discipline registered for comprises the abbreviation of the discipline, followed by the code **900**.

For further detail, see General Institutional Rules & Regulations Calendar (Advanced and Postgraduate Qualifications).

Reg. MGH10 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN ENDOCRINOLOGY

Reg. MGH10.1 Admission requirements

M.Med. (Internal Medicine) or F.C.P. (S.A.).

Reg. MGH10.2 Duration of programme

Two years full-time.

Reg. MGH10.3 Clinical experience

Before the Post-gr.Dipl.Endocrinology can be conferred on a student, he/she must convince the University that he/she:

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook.
- (iii) Gained appropriate experience in research, the results of which have to be prepared for publication.
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. MGH10.4 Curriculum

The principles and practice of Clinical Endocrinology are dealt with.

Year 1:	Advanced Endocrinology AEI501	120 credits
Year 2:	Advanced Endocrinology AEI502	120 credits

Reg. MGH10.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (iv) A student passes with honours if an assessment mark of at least 75% is obtained.
- (v) The subspecialty certificate in Endocrinology and Metabolism of the College of Physicians of South Africa is regarded as equivalent to the postgraduate diploma in Endocrinology (Internal Medicine) should the candidate choose to write only this examination.

Reg. MGH11 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN GASTROENTEROLOGY

Reg. MGH11.1 Admission requirements

M.Med. (Internal Medicine) or F.C.P. (S.A.).

Reg. MGH11.2 Duration of programme

Two years full-time.

Reg. MGH11.3 Clinical experience

Before the Post-gr.Dipl.Gastroenterology can be conferred on a student, he/she must convince the University that he/she:

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook.
- (iii) Gained appropriate experience in research, the results of which have to be prepared for publication.
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. MGH11.4 Curriculum

The principles and practice of Clinical Gastroenterology are dealt with.

Year 1:	Advanced Gastroenterology AVG501	120 credits
Year 2:	Advanced Gastroenterology AVG502	120 credits

Reg. MGH11.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (iv) A student passes with honours if an assessment mark of at least 75% is obtained.
- (v) The subspecialty certificate in Gastroenterology of the College of Physicians of South Africa is regarded as equivalent to the postgraduate diploma in Gastroenterology (Internal Medicine) should the candidate choose to write only this examination.

Reg. MGH12 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN GERIATRIC MEDICINE

Reg. MGH12.1 Admission requirements

M.Med. (Internal Medicine) or F.C.P. (S.A.).

Reg. MGH12.2 Duration of programme

Two years full-time

Reg. MGH12.3 Clinical experience

Before the Post-gr.Dipl.Geriatric Medicine can be conferred on a student, he/she must convince the University that he/she:

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook.
- (iii) Gained appropriate experience in research, the results of which have to be prepared for publication.
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. MGH12.4 Curriculum

The principles and practice of Clinical Geriatric Medicine are dealt with.

Year 1:	Advanced Geriatric Medicine AGI501	120 credits
Year 2:	Advanced Geriatric Medicine AGI502	120 credits

Reg. MGH12.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (iv) A student passes with honours if an assessment mark of at least 75% is obtained.
- (v) The subspecialty certificate in Geriatric Medicine of the College of Physicians of South Africa is regarded as equivalent to the postgraduate diploma in Geriatric Medicine (Internal Medicine) should the candidate choose to write only this examination.

Reg. MGH13 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN NEPHROLOGY

Reg. MGH13.1 Admission requirements

M.Med. (Internal Medicine) or F.C.P. (S.A.).

Reg. MGH13.2 Duration of programme

Two years full-time

Reg. MGH13.3 Clinical experience

Before the Post-gr.Dipl.Nephrology can be conferred on a student, he/she must convince the University that he/she:

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook.
- (iii) Gained appropriate experience in research, the results of which have to be prepared for publication.
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. MGH13.4 Curriculum

The principles and practice of Clinical Nephrology are dealt with.

Year 1:	Advanced Nephrology ANI501	120 credits
Year 2:	Advanced Nephrology ANI502	120 credits

Reg. MGH13.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (iv) A student passes with honours if an assessment mark of at least 75% is obtained.
- (v) The subspecialty certificate in Nephrology of the College of Physicians of South Africa is regarded as equivalent to the postgraduate diploma in Nephrology (Internal Medicine) should the candidate choose to write only this examination.

Reg. MGH14 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN PULMONOLOGY**Reg. MGH14.1 Admission requirements**

M.Med. (Internal Medicine) or F.C.P. (S.A.).

Reg. MGH14.2 Duration of programme

Two years full-time

Reg. MGH14.3 Clinical experience

Before the Post-gr.Dipl.Pulmonology can be conferred on a student, he/she must convince the University that he/she:

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook.
- (iii) Gained appropriate experience in research, the results of which have to be prepared for publication.
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. MGH14.4 Curriculum

The principles and practice of Clinical Pulmonology are dealt with.

Year 1:	Advanced Pulmonology	API501	120 credits
Year 2:	Advanced Pulmonology	API502	120 credits

Reg. MGH14.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (iv) A student passes with honours if an assessment mark of at least 75% is obtained.
- (v) The subspecialty certificate in Pulmonology of the College of Physicians of South Africa is regarded as equivalent to the postgraduate diploma in Pulmonology (Internal Medicine) should the candidate choose to write only this examination.

Reg. MGH15 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN CLINICAL HAEMATOLOGY

Reg. MGH15.1 Admission requirements

Before a student will be permitted to enrol for the diploma, he/she has to comply with the following requirements:

- (a) Be registered as paediatrician with the Health Professions Council of South Africa (HPCSA): M.Med. (Paed), or an equivalent qualification.
- (b) Be registered with the HPCSA as Physician: M.Med. (Int), or an equivalent qualification.
- (c) Be registered with the HPCSA as haematological pathologist: M.Med. (Haem.), or an equivalent qualification.

Reg. MGH15.2 Duration of programme

Two years full-time.

Reg. MGH15.3 Clinical experience

Before the Post-gr.Dipl.Clinical Haematology is conferred on a student, he/she must convince the University that he/she:

- (i) Held an appropriate training post for a period of two years at the Faculty of Health Sciences at the University of the Free State or another institution deemed equivalent by the University.
- (ii) Received theoretical, practical and clinical instruction.
- (iii) Had been registered as a student at the University for the prescribed period.
- (iv) Successfully passed the prescribed University assessment – written, oral, practical and/or clinical.

Elucidation:

- (a) Only a post linked to a senior registrar number is recognised by the HPCSA.
- (b) The period of training is calculated from the day of registration as student at the University. However, if a student registers during the University's prescribed registration period, such a registration could be regarded as valid from 1 January.

Reg. MGH15.4 Curriculum

Clinical Haematology CHS501 (360 credits) (for the students who are qualified as paediatricians or physicians):

- (a) Paediatricians will concentrate on paediatric haematological conditions, and physicians on adult haematological conditions.
- (b) All aspects of laboratory haematology and laboratory management are covered.

Clinical Haematology CHS502 (360 credits) (for the students who are qualified as haematological pathologists):

- (a) The students may elect to concentrate on adult or paediatric clinical haematology.
- (b) All aspects of clinical haematology are covered.

Reg. MGH15.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) Students must notify the office of the Assistant Director: Faculty Administration annually in writing before 1 April or 1 August of their intention to participate in the June or November assessment.
- (iii) The assessment will comprise written, practical (only for paediatricians and physicians), clinical and oral assessments.
- (iv) The subspeciality certificate in Clinical Haematology of the College of Physicians of South Africa is recognised as equivalent should the candidate opt to write only this examination.

Reg. MGH15.6 Pass with distinction

A student passes with distinction if an assessment mark of at least 75% is obtained.

Reg. MGH15.7 Reassessment

A diploma student may not be reassessed before at least six months have elapsed since the assessment he/she had failed.

Reg. MGH15.8 Extension

A student who did not pass the diploma assessment at the end of the study period will generally be allowed to retain his/her position as senior registrar for a period of six months or as the Head of Department may determine.

Reg. MGH15.9 Awarding of the diploma

The diploma is awarded at the end of the training period.

Elucidation:

The departments concerned compile their syllabi in such a way that the diploma student (senior registrar) is guided under supervision within the training institution to manage with increasing confidence and responsibility the laboratory and clinical aspects of patients with haematological conditions.

Reg. MGH16 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN GENERAL INTERVENTIONAL RADIOLOGY

A student must comply with the General Regulations for postgraduate diplomas as well as the regulations of the Faculty of Health Sciences.

Reg. MGH16.1 Admission requirements

Before a student may enrol for a Postgraduate Diploma in General Interventional Radiology, he/she must:

- (a) Be in possession of the degree M.Med. (Diagnostic Radiology) or an equivalent Diagnostic Radiology qualification, or be admitted to the status of M.Med.(Rad.D.) on the recommendation of the Faculty of Health Sciences.
- (b) Be appointed in a Department of Radiology at an accredited training hospital that has the appropriate facilities at its disposal.

Elucidation:

Only a limited number of students can annually be admitted per study direction.

Reg. MGH16.2 Duration of programme

The programme is offered on a full-time basis over a period of two semesters.

Reg. MGH16.3 Curriculum

First semester:

UID501	Uro-intervention, Drainage and Biopsy	60 credits
IUD501	Endovascular Intervention 1	60 credits

Second semester:

IUD502	Endovascular Intervention 2	60 credits
GII502	Gastro-intestinal Intervention	60 credits

Reg. MGH16.4 Assessment

One three-hour question paper per semester

Oral – second semester

Logbook – second semester

Reg. MGH16.5 Pass requirements

See General Regulations.

Reg. MGH17 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN MEDICAL PHYSICS

The regulations concerning postgraduate diplomas with the necessary adjustments are applicable to the Faculty of Health Sciences. These regulations are included in the General Yearbook (Postgraduate Degrees and Diplomas). It is the responsibility of students or prospective students to familiarise themselves with these regulations.

Reg. MGH17.1 Admission requirements

The minimum entrance requirement is a B.Med.Sc.Hons (Medical Physics) or equivalent qualification with an appropriate composition. Students will be subject to selection. Additional information is included in the Selection Policy document. Students have to register with the Health Professions Council of South Africa (HPCSA) as intern medical physicists.

Reg. MGH17.2 Admission of students from other universities

Regulations AD2 and AD6 for postgraduate degrees and diplomas apply. Students will only be allowed to enrol for the learning programme after submission of a syllabus and credits of each module passed. The department offering the programme will evaluate these modules. The department reserves the right to require that such a student pass an entrance examination.

Reg. MGH17.3 Duration of programme

A minimum of two years study is required for the completion of the diploma.

Reg. MGH17.4 Curriculum**Module**

GFD510	Medical Physics for Radiotherapy I	64 credits
GFD520	Medical Physics for Radiotherapy II	64 credits
GFD530	Medical Physics for Diagnostic Radiology	64 credits
GFD540	Medical Physics for Nuclear Medicine	64 credits

Elucidation:

Some modules can be offered at external centres.

This diploma complies with the requirements on practical training (internship) prescribed by the Health Professions Council of South Africa for registration as an independent practice medical physicist.

Reg. MGH17.5 Assessment

The final module mark comprises marks obtained by means of written reports, oral evaluation and other tasks as stipulated in the module guide.

Reg. MGH17.6 Pass with distinction

The diploma is awarded with distinction if:

- (i) A total average mark of 75% is obtained.
- (ii) The diploma has been obtained within the minimum prescribed period of two years.

Reg. MGH17.7 Pass requirements

See General Regulations.

POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY	128 Credits
Post-gr.Dipl.Clin.Pharmacol.	Study code 8212

Reg. MGH18 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY**Reg. MGH18.1 Admission requirements**

M.B.,Ch.B or B.Pharm.

Reg. MGH18.2 Duration of programme

One year (full-time), two years (part-time).

Reg. MGH18.3 Curriculum

- (a) Assignments (Clinical Pharmacology and Clinical Toxicology)
- (b) Case reports
- (c) Script/dissertation

Semester 1:	Advanced Clinical Pharmacology	ACH501	64 credits
Semester 2:	Advanced Clinical Pharmacology	ACH502	64 credits

Each student will propose and undertake a clinical pharmacology research project under guidance of a staff member. The research project, preferably original but not necessarily so, may be taken on any aspect of clinical pharmacology as will be advised by the Head of Department.

Reg. MGH18.4 Assessment

Assessment is conducted by continuous assessment whereby the final mark will be determined by proportions of marks obtained from progressive assessments and marks from a completed research project. The average contribution to the final score will be as follows:

a) ACH501: Assignments in Clinical Pharmacology and Clinical Toxicology:	
Two tests of two hours each and an examination of three hours:	50%
b) ACH502: Case reports (an average score for five case reports):	20%
c) ACH502: Presentation of script /dissertation	30%
Total mark:	100%

Reg. MGH18.5 Pass requirements

See General Regulations.

Reg. MGH19 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE**Reg. MGH19.1 Admission requirements**

Before a student may register for the diploma, he/she must be in possession of a baccalaureus degree in Medicine and a baccalaureus degree in Surgery, or equivalent. Candidates must be registered as an independent medical practitioner with the Health Professions Council of South Africa (HPCSA) or equivalent body in their country of origin.

It is compulsory for candidates to have access to internet and e-mail facilities. The attendance of all contact sessions is compulsory.

If there are more than 15 applications preference may be given to candidates from South Africa and those working actively in transfusion medicine. Students may be subject to a language proficiency test if deemed necessary.

Reg. MGH19.2 Duration of programme

The programme extends over two years and is only offered on a part-time basis.

Reg. MGH19.3 Curriculum**Part I**

(i)	TMO504	Organisation and Management of a Transfusion Service	16 credits
(ii)	TMP504	Principles of Blood Banking and Fractionation of Blood	16 credits
(iii)	TMA504	Administering Blood Products	16 credits

Part II

(i)	TMC509	Clinical Application of Blood Products	36 credits
(ii)	TMT505	Complications of Transfusion	20 credits
(iii)	TMD504	Developments in Transfusion Medicine	16 credits

The module will only be presented in English but written and oral evaluations as well as assignments could be done in Afrikaans or English. All electronic communications will be conducted in English.

Reg. MGH19.4 Assessment

Different forms of assessments will be used in each separate module (i.e. written, oral, group work, etc.). Candidates must achieve a subminimum of 50% in each module to pass. A student passes with distinction if an average assessment mark of 75% or more is obtained.

Reg. MGH19.5 Pass requirements

See General Regulations.

Reg. MGH19.6 Re-assessment

If less than 50% is achieved in any module, an oral or written assessment may be conducted to ensure adequate integrated assessment. In accordance with stipulations of the General Regulations, students may be admitted to re-evaluation. Further supplementary assessments may be allowed on approval by the Dean and on the recommendation of the Head of Department.

ADVANCED DIPLOMA IN RADIOGRAPHY (DIAGNOSTIC) A.Dipl.Radiography (Diagnostic)

160 Credits
Study code 8203

Reg. MGH20 REGULATIONS FOR THE ADVANCED DIPLOMA IN RADIOGRAPHY (DIAGNOSTIC)

A student must comply with the provisions of the General Regulations for advanced diplomas as well as the regulations of the Faculty of Health Sciences.

Reg. MGH20.1 Admission requirements

Before a student may enrol for the A.Dipl.Radiography, he/she must:

- Be in possession of at least a three-year B.Rad. degree or equivalent qualification.
- Be admitted to the status of the three-year B.Rad. degree on the recommendation of the Faculty of Health Sciences.
- Be appointed as diagnostic radiographer at an accredited training hospital that has the appropriate facility at its disposal.
- Be registered as diagnostic radiographer with the HPCSA.

Remark:

Only a limited number of students can be admitted per study direction annually.

Reg. MGH20.2 Duration of programme

The duration of the programme extends over two semesters, offered on a full-time basis.

Reg. MGH20.3 Disciplines

The Advanced Diploma in Diagnostic Radiology may be obtained in the following disciplines: Mammography, Computer Tomography, Magnetic Resonance and Vascular/Interventional.

Reg. MGH20.4 Curriculum

First Semester:

APS501	Applied Physics	40 credits
RAR501	Radiographic Anatomy/Physiology/Pathology	40 credits

Second Semester:

RTR502	Radiographic Practice	40 credits
PCR502	Clinical Radiographic Practice	40 credits

Reg. MGH20.5 Assessment

Assessment is conducted in the following manner:

Two two-hour question papers per semester

Oral - second semester

Research project - second semester

Reg. MGH20.6 Pass requirements

See General Regulations.

ADVANCED UNIVERSITY DIPLOMA IN OCCUPATIONAL HEALTH A.D.O.H.	240 Credits Study code 8220
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Reg. MGH21 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN OCCUPATIONAL HEALTH

Reg. MGH21.1 Admission requirements

Before a student may register for the diploma, he/she must have been in possession of a baccalaureus degree in Medicine and a baccalaureus degree in Surgery or its equivalent for a period of at least two years, and he/she must also be registered as an independent medical practitioner with the Health Professions Council of South Africa (HPCSA).

Additional requirements for foreign medical practitioners including medical practitioners from the Southern Africa Developing Countries (SADC) for the registration as students for this diploma course are:

Medical practitioners should be registered for postgraduate studies with the Health Professions Council of South Africa as stipulated by the Health Professions Council of South Africa and Health Professions Act, 1974 (Act 56 of 1974).

It is compulsory for candidates to have access to internet and e-mail facilities.

Preference will be given to medical practitioners working in the Free State and candidates currently employed in an occupational health setting.

Reg. MGH21.2 Duration of programme

The programme extends over two years and is offered part-time only.

Reg. MGH21.3 Curriculum

Part I

(i)	DBG501	Occupational Health Administration Part I	40 credits
(ii)	DBG502	Clinical Occupational Health and Toxicology Part I	40 credits
(iii)	DBG503	Occupational Epidemiology and Biostatistics Part I	40 credits

Part II

(i)	DBG504	Occupational Health Administration Part II	40 credits
(ii)	DBG505	Clinical Occupational Health and Toxicology Part II	40 credits
(iii)	DBG506	Occupational Epidemiology and Biostatistics Part II	40 credits

The module will be presented only in English, but all written and oral assessments as well as other assignments may be conducted in Afrikaans or English. All electronic communications will be conducted in English. Additional information will be provided in the guideline document for each module.

Reg. MGH21.4 Assessment

A written assessment must be conducted in each module as specified. An oral assessment will be conducted at the end of the programme. Admission to the assessment will be subject to General Regulations concerning postgraduate diploma and advanced university diplomas of the University as well as the student attending contact sessions and participating in electronic sessions. A student will pass with distinction if he/she obtains 75% or higher in the assessment in each individual module.

Reg. MGH21.5 Pass requirements

See General Regulations.

Reg. MGH21.6 Reassessment

In accordance with stipulations of the General Regulations, students may be admitted to reassessment. Further assessments may be allowed after six months with the approval of the Head of the School on the recommendation of the Head of Department.

ADVANCED UNIVERSITY DIPLOMA IN COMMUNITY HEALTH A.D.C.H.

**240 Credits
Study code 8230**

Reg. MGH22 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN COMMUNITY HEALTH

Reg. MGH22.1 Admission requirements

Before a student may register for the diploma, he/she must have been in possession of a professional qualification on baccalaureus level or equivalent in one of the following professional disciplines: Medicine, Nursing or Environmental Health, for a period of at least two years, and he/she must be registered as a medical practitioner, nurse or environmental health officer with the relevant professional board.

Reg. MGH22.2 Duration of programme

The programme extends over two years and is offered part-time only.

Reg. MGH22.3 Curriculum

Part I

(i)	GGK603	Microbiology (assessment course)	12 credits
(ii)	GGK608	Parasitology and Entomology (assessment course)	32 credits
(iii)	GGK609	Food and Water (including diseases, hygiene and food science) (assessment course)	36 credits

Part II

(i)	GGK601	Epidemiology and Medical Statistics (assessment course)	4 credits
(ii)	GGK607	Health Administration including Basic Financial Management, Accounting and Business Economics (assessment course)	28 credits
(iii)	GGK605	Health Legislation (assessment course)	20 credits
(iv)	GGK606	Comprehensive Health Care (assessment course)	24 credits
(v)	GGK602	Environmental Health Care (assessment course)	8 credits

Reg. MGH22.4 Assessment

A written assessment must be conducted in each separate module as specified. Admission to the assessment will be discipline to the student attending contact sessions. An oral assessment will be conducted at the end of the module. A research report/project should also be completed as part of the assessment process. A student passes with distinction if he/she obtains 75% or more in the assessment in each separate module.

Reg. MGH22.5 Pass requirements

See General Regulations.

Reg. MGH22.6 Re-assessment

Students may be admitted to re-assessment in accordance with the stipulations of the General Regulations. Further supplementary assessments may be allowed after six months upon approval by the Head of the School and on the recommendation of the Head of Department.

Reg. MGH22.7 Credit for modules after obtaining a certificate or diploma at a recognised university/tertiary institution

Credit for certain modules already passed for another certificate/diploma may be granted to a student provided that:

- (a) Credit may be granted for a maximum of half of the modules.
- (b) The student must be registered for the new diploma for at least one academic year.

ADVANCED UNIVERSITY DIPLOMA IN HEALTH SERVICES MANAGEMENT	240 Credits
A.D.S.M. (<i>In abeyance</i>)	Study code 8240

Reg. MGH23 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN HEALTH SERVICES MANAGEMENT**Reg. MGH23.1 Admission requirements**

Before a student may register for the diploma, he/she must have been in possession of a professional qualification on baccalaureus level or equivalent in a specific health specialty and he/she must be registered with the relevant professional council. He/she must be appointed in a health care organisation/institution.

Reg. MGH23.2 Duration of programme

The programme extends over two years and offered part-time only.

Reg. MGH23.3 Curriculum

Part I

(i)	HSM501	Concepts in Health Care	40 credits
(ii)	HSM502	Principles of Management	40 credits
(iii)	HSM503	Health Care Planning	40 credits
(iv)	HSM504	Epidemiology and Statistics	40 credits

Part II

(i)	HSM505	Health Programme and Specialised Services	40 credits
(ii)	HSM506	Human Resources Management	40 credits
(iii)	HSM507	Management of Resources	40 credits
(iv)	HSM508	Quality Assurance	40 credits

Reg. MGH23.4 Assessment

A written assessment must be conducted in each individual module as specified. An oral assessment will be conducted at the end of the module. Admission to the assessment will be discipline to the attendance of contact sessions. A research report/project must also be completed as part of the assessment process. A student passes with honours if he/she obtains 75% or higher in the assessment in each individual module.

Reg. MGH23.5 Pass requirements

See General Regulations.

Reg. MGH23.6 Reassessment

Students may be admitted to reassessment in accordance with the stipulations of the General Regulations. Further assessments may be allowed after six months with the approval of the Head of the School of Medicine on the recommendation of the Head of Department.

Reg. MGH23.7 Credit for modules after obtaining a certificate or diploma at a recognised university/tertiary institution

Credit for certain modules already passed for another certificate/diploma may be granted to a student provided that:

- (a) Credit is granted for a maximum of half of the modules.
- (b) The student must be registered for the new diploma for at least one academic year.

MAGISTER SOCIETATIS SCIENTIAE IN NURSING

M.Soc.Sc. (Nursing) Dissertation

200 Credits/Study code 2720

M.Soc.Sc. (Nursing) Structured(In abeyance)

248 Credits/Study code 2721

INTRODUCTION

The M.Soc.Sc. Degree in nursing can be obtained by either a dissertation or by course work. The dissertation master's degree comprises a research dissertation.

The structured master's degree is currently in abeyance and no new students will be enrolled for this programme.

Reg. VGH1.1 Admission requirements

- (i) Prospective students must apply to the Programme Director on the prescribed form before 30 September of every year to be admitted.
- (ii) A professional bachelor's degree in nursing, or a postgraduate diploma or an honours degree in nursing is required and candidates must furnish proof of registration with the South African Nursing Council (SANC).
- (iii) International students must provide evidence of interim registration with the SANC and Department of Foreign Workforce. International students must be registered with a recognized body in their country of origin.
- (iv) The School of Nursing reserves the right to request or to obtain information in order to ascertain whether students are physically and psychologically equipped to meet the demands of the programme, before admission or during training. Selection is also applied in this regard.

Reg. VGH1.2 Recognition of prior learning

Recognition of prior learning must be done through the official channels of the University of the Free State.

Prior learning is recognized by means of:

- Portfolio presentations;
- Tests; and/or
- Examinations; or
- Other relevant methods as determined by the Head of the School.

Reg. VGH1.3 Duration of programme

The programme extends over at least two academic years.

Reg. VGH1.4 Learning programme (curriculum)

The M.Soc.Sc. (Nursing) can be obtained on the basis of:

- (A) (i) A dissertation on an approved subject which has been endorsed by the Faculty Board.
 (ii) The module Research Methodology in Nursing (VRT702) is a prerequisite for VRT700.
 (iii) Students have to register for VRT702 and pass with at least 65% before they may continue with VRT700.

TABLE 1: Learning programme for Magister Societatis Scientiae in Nursing (Dissertation)(200 credits)

MODULES	Module	Credits
Research Methodology in nursing	VRT702	20
Dissertation in nursing	VRT700	180

OR

- (B) (i) Completion of the required learning content for the M.Soc.Sc (Nursing) degree (Table 2) in a specific field of choice.
 (ii) An average mark of 60% during the undergraduate studies is a prerequisite for this choice, unless otherwise decided by the Head of the School.

TABLE 2: Learning programme for Magister Societatis Scientiae in Nursing (Structured) (248 credits)

FUNDAMENTAL MODULES	Module	Credits
Research methodology in nursing (compulsory)	VRT702	20
Nursing dynamics (compulsory)	VRT711	8
ELECTIVE MODULES	Module	Credits
Mini-dissertation in nursing	RES792	32
OR		
Four essays on nursing research (phasing out)	ESS792	32

CORE MODULES

A candidate must choose one of the following specialised areas in nursing:

Critical care nursing	Module	Credits
Physiology for intensive care nurses	FFB702	20
Critical care nursing	KSV116	24
Critical care nursing	KSV126	24
Critical care nursing (research)	VRT758	20
Critical care nursing practical (60% research)	VRP717	100

Community health nursing	Module	Credits
Primary clinical health care	PKG716	24
Primary clinical health care	PKG726	24
Community nursing	VRT714	20
Community nursing	VRT724	20
Community nursing (research)	VRT734	20
Community nursing practical (60% research)	VRP721	80

Midwifery and neonatology	Module	Credits
Physiology for midwifery and neonatology	FFB703	20
Midwifery and neonatology	GVV116	24
Midwifery and neonatology	VNV126	24
Midwifery and neonatology (research)	VRT735	20
Midwifery and neonatology practical (60% research)	VRP722	100

Psychiatric nursing	Module	Credits
Physiology for psychiatric nursing	FFB704	20
Psychiatric nursing	VRT716	24
Psychiatric nursing	VRT726	24
Psychiatric nursing (research)	VRT736	20
Psychiatric nursing practical (60% research)	VRP723	100

Paediatric nursing	Module	Credits
Physiology <i>capita selecta</i>	FFB705	20
Paediatrics nursing	KDV116	24
Paediatrics nursing	KDV126	24
Paediatrics nursing (research)	VRT737	20
Paediatrics nursing practical (60% research)	VRP724	100

Orthopaedic nursing	Module	Credits
Physiology <i>capita selecta</i>	FFB706	20
Orthopaedic nursing	OTV116	24
Orthopaedic nursing	OTV126	24
Orthopaedic nursing (research)	VRT738	20
Orthopaedic nursing practical (60% research)	VRP725	100

Gerontological nursing	Module	Credits
Physiology <i>capita selecta</i>	FFB707	20
Gerontological nursing	GEV116	24
Gerontological nursing	GEV126	24
Gerontological (research)	VRT739	20
Gerontological nursing practical (60% research)	VRP726	100

Child psychiatric nursing	Module	Credits
Physiology for child psychiatric nursing	FFB708	20
Child psychiatric nursing	KPV116	24
Child psychiatric nursing	KPV126	24
Child psychiatric nursing (research)	VRT759	20
Child psychiatric nursing practical (60% research)	VRP727	100

Primary clinical health care nursing	Module	Credits
Midwifery and neonatal nursing	GVV116	24
Midwifery and neonatal nursing	VNV126	24
Midwifery and neonatal nursing practical (40% research)	VRP729	20
Primary clinical health care nursing	PKG716	24
Primary clinical health care nursing	PKG726	24
Primary clinical health care nursing (research)	VRT760	20
Primary clinical health care nursing practical (60% research)	VRP730	52

All relevant anatomy, microbiology and pharmacology will be integrated in the core modules of the field of specialisation.

Reg. VGH1.5 Clinical practical

All facets of the clinical practical including its range and the timetable are determined by the Head of the School of Nursing.

Nursing practical must be performed in clinical settings accredited by the SA Nursing Council.

Reg. VGH1.6 Offering of clinical fields of specialisation

The School of Nursing reserves the right to suspend certain clinical fields of specialisation for a limited period if there is a shortage of staff with specialised skills.

The School of Nursing may consider options to extend the number of fields of specialisation according to health care needs and the availability of staff and infrastructure.

Reg. VGH1.7 Examination

OPTION A

To pass the dissertation the requirements as stipulated in General Regulation A92 apply.

OPTION B

The examination consists of a three-hour written examination paper in every theoretical module. All modules must be passed separately.

Reg. VGH1.8 Pass with distinction

See General Regulation A93.

Learning content

Modules and themes as well as the examination papers and credits are described in Table 3.

TABLE 3: Modules, themes, examination papers and credits

MODULES AND EXAMINATION PAPERS	Units	Credits
Critical care nursing (One three-hour paper)	1. Fundamental critical care (12) 2. Respiratory critical care (6) 3. Cardiovascular and thorax critical care (6)	24
Critical care nursing (One three-hour paper)	1. Neurological and neurosurgical critical care (12) 2. Nephro-endocrinological critical care (6) 3. Surgical critical care (6)	24

MODULES AND EXAMINATION PAPERS	Units	Credits
Critical care nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Critical care management (4) 2. Ethics in critical care (2) 3. Legal and litigation aspects in critical care (2) 4. New developments in critical care (10) 5. Education and development in critical care (2) 	20
Community nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Health care systems (4) 2. Community nursing (12) 3. Management of health care systems (4) 	20
Community nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Health care models (4) 2. Individual, family and community pathology (12) 3. Specialised nursing care (4) 	20
Community nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Research modalities in community nursing 	20
Gerontological nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Demography of the aged population and the ageing process (8) 2. Psychosocial aspects of the ageing process (8) 3. Geriatric nursing skills (8) 	24
Gerontological nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Gerontological services in SA and elsewhere (4) 2. Rehabilitation and home care, nutrition (8) 3. Aetiology of geriatric disorders, diagnostic and treatment methods (12) 	24
Gerontological nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Research modalities in Gerontological nursing 	20
Psychiatric Nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Psychiatric disorders according to an acknowledged international classification system (12) 2. Pharmacotherapeutic principles (4) 3. Counselling and crisis (4) 4. Individual psychotherapy (4) 	24
Psychiatric nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Therapeutic approaches to groups (4) 2. Family therapy (8) 3. Community psychiatry and consultation (4) 4. Child psychiatric nursing (8) 	24
Psychiatric nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Research modalities in psychiatric nursing 	20

MODULES AND EXAMINATION PAPERS	Units	Credits
Advanced midwifery and neonatal nursing (One three-hour paper)	1. Reproductive health care (8) 2. Normal pregnancy, labour, puerperium and the neonate (16)	24
Advanced midwifery and neonatal nursing (One three-hour paper)	1. High risk midwifery (20) 2. Advanced midwifery and neonatology (4)	24
Advanced Midwifery and Neonatal Nursing (One three-hour paper)	1. Research modalities in Advanced Midwifery and Neonatal	20
Child psychiatric nursing (One three-hour paper)	1. General psychiatric disorders applicable to children (8) 2. Genetics and child psychiatric disorders (12) 3. Psychiatric assessment of children and their families, appropriate personality development theories (4)	24
Child psychiatric nursing (One three-hour paper)	1. Treatment modalities	24
Child psychiatric nursing (One three-hour paper)	1. Research modalities in child psychiatric nursing	20
Orthopaedic nursing (One three-hour paper)	1. Rheumatoid diseases (8) 2. Tuberculosis: bone infections, bone necrosis (4) 3. Metabolic and endocrine ailments with reference to orthopaedic issues (4) 4. Dysphasia: tumours, amputations, neurovascular diseases, peripheral vascular diseases (4) 5. Orthopaedic nursing skills (4)	24
Orthopaedic nursing (One three-hour paper)	1. Orthopaedic diseases of the different body parts (8) 2. Trauma and orthopaedic nursing (12) 3. Injury of the lower- and upper limbs, neck and back (4)	24
Orthopaedic nursing (One three-hour paper)	1. Research modalities in orthopaedic nursing	20

MODULES AND EXAMINATION PAPERS	Units	Credits
Paediatric nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. General development of the child The development, function and pathophysiology of the body parts of the child (16) 2. The assessment of the health status of the child Maintenance of the health of the child (4) 3. Developmental problems and management (4) 	24
Paediatric nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Paediatric nursing during short and long-term hospitalisation (20) 2. Community health paediatric nursing (4) 	24
Paediatric nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Research modalities in paediatric nursing 	20
Primary clinical health care nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Screening, principles of clinical diagnosis and treatment (8) 2. Aetiology, pathology, diagnosis and treatment/referral as well as prevention and rehabilitation of common diseases (all age groups) (16) 3. Legislation 	24
Primary clinical health care nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Aetiology, pathology, diagnosis and treatment/referral as well as prevention of common ailments (all groups) (16) 2. Primary mother and child care (4) 3. Emergency treatment (4) 	24
Primary clinical health care nursing (One three-hour paper)	<ol style="list-style-type: none"> 1. Research modalities in Primary Clinical Health Care 	20

**PHILOSOPHIAE DOCTOR
Ph.D.**

**248 Credits
Study code 2940****Reg. VGH2 REGULATIONS FOR THE DEGREE OF PHILOSOPHIAE DOCTOR**

- (i) The General Regulations in respect of doctor's degrees apply *mutatis mutandis* to this Faculty.
- (ii) For admission to registration for the degree Ph.D., a student must comply with the stipulations of the General Regulations and be in possession of the appropriate master's degree from the department concerned, or any other qualification deemed adequate by the Senate.
- (iii) Prospective students must have obtained a minimum of 65 per cent in the appropriate master's programme.
- (iv) Students will be selected for this programme.
- (v) Discipline abbreviation and module code: VRT900.

**DOCTOR SOCIETATIS SCIENTIAE
D.Soc.Sc. (*In abeyance*)**

Study code 2900**Reg. VGH3 REGULATIONS FOR THE DEGREE OF DOCTOR SOCIETATIS
SCIENTIAE**

The degree D.Soc.Sc. could be conferred on a person in possession of a doctor's degree who has over a significant period of time produced comprehensive publications of considerable quality in his/her discipline.

For more detail, see General Institutional Rules & Regulations (Advanced & Postgraduate Qualifications).

**BACCALAUREUS IN ADVANCED NURSING
B.Adv.Nur. (*In abeyance*)**

Study code 2540**Reg. VGH4 REGULATION FOR BACCALAUREUS IN ADVANCED NURSING****Reg. VGH4.1 Information**

The baccalaureus in Advanced Nursing is part of the post-basic programme and is made up of fundamental, core and elective modules. A choice may be made between non-clinical and clinical specialisation areas. Specialisations consist of a theoretical and practical component. Professional registrations may also be obtained on exit (see Table 2). A total of 360 credits must be earned in order to obtain the degree.

Reg. VGH4.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for degree.

National Standard Field: 09 Health Sciences and Social Services.

Reg. VGH4.3 Admission requirements and selection

- (i) Prospective students must apply to the Programme Head on the prescribed form before 30 September of every year to be admitted to a specialisation area.
- (ii) A generic degree or diploma in nursing is required. Students must also be registered as general nurses with the SA Nursing Council or another recognised council.
- (iii) The School of Nursing reserves the right to request or to obtain information in order to ascertain whether students are physically and psychologically equipped to meet the demands of the programme, before admission or during training. Selection is also applied in this regard.
- (iv) Nurses who wish to obtain registration with the SA Nursing Council for this qualification must provide proof of paid-up registration as general nurses with the SA Nursing Council.
- (v) *Child Psychiatric Nursing*
Students who choose Child Psychiatric Nursing as a specialisation must be in possession of a post-basic or basic qualification in Psychiatric Nursing and be registered as a psychiatric nurse with the SA Nursing Council or another recognised council.
- (vi) *Advanced Midwifery and Neonatology*
Students who choose Advanced Midwifery and Neonatology as specialisation must be in possession of a post-basic or basic qualification in midwifery and be registered as midwives with the SA Nursing Council or another recognised council.

To register for modules in this specialisation area prospective students must undergo an orientation programme approved by the School of Nursing and write an admission test for which an average of 50% is required. As an alternative a student may write only an admission test for which an average of 50% is required.

- (vii) *Trauma and Emergency Nursing*
Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.

Trauma and Emergency Nursing I (TAV116) is a prerequisite for the registration in Trauma and Emergency Nursing II (TAV126).

- (viii) *Operating Theatre Nursing*
Prospective students must perform a skills test or provide proof that they have certain key competencies and must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.
- (ix) *Nursing Education*
Prospective students must have obtained a sub-minimum of 60% for a previous higher education nursing qualification.

Prospective students who already fill nursing education posts will receive priority in terms of statutory requirements.
- (x) *Critical Care Nursing*
Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.
- (xi) *Primary Clinical Health Care*
Prospective students must be in possession of a qualification in Community Health Nursing in order to obtain admission to register for Primary Clinical Health Care.
- (xii) *Health Care Management*
Prospective students must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.

Reg. VGH4.4 Readmission and checking of a student

UFS Regulation A36 applies.

- (i) Students who have not obtained the qualification after the minimum period for the particular qualification plus two years, calculated from the date of first registration for that qualification, will be allowed to continue with the study only with the permission of the Dean.
- (ii) Students may not register more than twice for the same module except with the permission of the Dean.
- (iii) For students receiving recognition of prior learning, the period is calculated on the same principle as in (i).

Reg. VGH4.5 Pass requirements

- (i) The pass mark for a module is 50%.
- (ii) A module mark is earned by means of formative assessment and comprises 50% of the final mark.

- (iii) The clinical core modules consist of Nursing (Theory) and Nursing (Practical) and must be passed separately.
- (iv) Although all demonstrations and compulsory patient contact sessions must be attended, special arrangements will be made if a student cannot attend for an acceptable reason.
- (v) Promotion does not take place in nursing core, fundamental and elective modules.
- (vi) Pass requirements for practical work is 50%.
- (vii) A subminimum of 50% applies for practical work in the examination.
- (viii) In the case of an OSCE (objective structured clinical evaluation) examination, a subminimum of 40% per OSCE station must be obtained.

Reg. VGH4.6 Nursing practical

All facets of the practical component, including its range and the timetable, are arranged by the Head of the School of Nursing.

Nursing practical must be performed in approved clinical facilities.

Reg. VGH4.7 Pass with distinction

The baccalaureus in Advanced Nursing is awarded with distinction if:

- (i) A combined average of 75% is obtained for all the nursing modules.
- (ii) A combined average of 70% is obtained for any 10 other modules.
- (iii) A minimum of four modules per year of study is passed.

Reg. VGH4.8 Exemption and recognition from modules and themes of modules

Recognition of modules that coincide with modules in this degree programme will be given on condition that the number of credits for which the student gets recognition does not exceed half (180 credits) of the credits for the degree.

Exemption of a theme of a module as set out in the learning programme (curriculum) can be given after the student has met the assessment requirements for recognition of prior learning. The marks for the remaining themes that are earned will be processed to a percentage.

Table 1 shows modules of the following advanced university diplomas presented in the School of Nursing from 1994 to 1999 and which are now equated with modules in the baccalaureus in Advanced Nursing.

Advanced University Diploma in Nursing Administration (GDVA)
 Advanced University Diploma in Nursing Education (GDVO)
 Advanced University Diploma in Clinical Nursing (GDKV), with specialisation curricula Midwifery and Neonatal Nursing, Child Psychiatric Nursing and Community Nursing.

TABLE 1: Similarity modules in the B. in Advanced Nursing and the advanced university diplomas

B. in Advanced Nursing	Codes	Previous courses (advanced diploma)	Codes
Sociology	SOS164	Sociology	SOS165
Professional practice	PPV120	Ethos and professional practice	VRT529
Educational psychology	OSV110	Educational psychology	OPV105
Nursing education I	VOV110	Nursing education	VPO115
Nursing education II	VOV120	Nursing education	VPO125
Nursing education practical	OVP100	Nursing education practical	VPP100
Health care management I	GSB110	Nursing administration	VRA115/125
Health care management II	GSB120	Nursing administration	VRA225
Health care management practical	GBP100	Nursing administration practical	VAP100
Nursing education management	OBV110	Nursing education management	VRA115/125
Advanced midwifery	GVV110/ VNV120	Advanced midwifery	VRT513/514
Advanced midwifery practical	GVP100	Advanced midwifery practical	VRP500
Research	REV110	Research	NAV110
Community health nursing	GMV110/ 120	Community health nursing	VRT517/ 527
Community health nursing practical	GMP100	Community health nursing practical	VRP502
Child psychiatric nursing	KPV110/ 120	Child psychiatric nursing	VRT515/525
Child psychiatric nursing practical	KPP100	Child psychiatric nursing practical	VRP501

Students who have already obtained the GDVA, GDKV and/or GDVO and are presently registered for the B. in Advanced Nursing are therefore awarded 120 credits.

Recognition for modules passed in other degree/diploma programmes will be granted.

Reg. VGH4.9 Recognition of prior learning

Prior learning is recognised by:

Portfolio presentations
 Tests; and/or
 Examinations; and/or
 Clinical skills tests; and/or
 Objective structured clinical evaluation (OSCE).

Reg. VGH4.10 Obtaining of degree

Completion of 360 credits leads to a baccalaureus in Advanced Nursing and two or three professional registrations with the SA Nursing Council. The minimum duration is six semesters.

If exemption is granted and/or prior learning is recognised the degree can be obtained in fewer than six semesters, but not less than four semesters.

- Students who obtained 360 credits who wish to leave the programme must notify the School of Nursing (Programme Head, Post-basic) of the fact in writing before the first Friday in December of the year in which the module is followed. Students who do not meet this requirement will not receive their degree at the Autumn graduation ceremony.
- Should a student exit the degree programme and return later, previous credits will be retained.
- Students who exit the B. in Advanced Nursing degree can apply at the South African Nursing Council for professional registration in the specialisation areas completed.

TABLE 2: Specialisation areas and professional registrations on exit

SPECIALISATION AREAS	PROFESSIONAL REGISTRATIONS	CREDITS
Advanced midwifery and neonatology	Post-basic qualification in midwifery and neonatology	120
Basic midwifery	Midwifery	120
Child psychiatric nursing	Child psychiatric nursing	120
Community nursing	Community nursing science	120
Critical care nursing (general)	Critical care nursing (general)	120
Forensic nursing		120
Gerontological nursing	Gerontological nursing	120
Health care management	Health care management	124
HIV and Aids health care		128
Medical and surgical nursing	Medical surgical nursing science	120
Nursing education	Nursing education	128
Occupational health nursing	Occupational health nursing	136
Operating theatre nursing	Medical surgical nursing science (operating theatre nursing)	120
Orthopaedic nursing	Orthopaedic nursing	120
Paediatric nursing	Child health care (paediatric nursing)	120
Primary clinical health care	Primary clinical health care	120
Psychiatric nursing	Psychiatric nursing science	120
Trauma and emergency nursing	Trauma and emergency nursing	120
Wound Care nursing		72

Reg. VGH4.11 Offering of modules

The School of Nursing reserves the right not to offer a few modules for a limited period when specialised staff is not available.

The School of Nursing may consider options to extend the number of modules in accordance with health care needs and the availability of staff and infrastructure.

Due to limited clinical learning opportunities in practice, a limit may be placed on student numbers in all specialist areas.

Reg. VGH4.12 Curriculum

The curriculum for the degree consists of a choice of three of the 20 specialisation areas, and is made up of fundamental, core and elective modules. Modules for all the academic years are selected in consultation with the Head of the School of Nursing.

Reg. VGH4.12.1 Fundamental and core modules in the various specialisation areas of the learning programme are shown in Table 3

TABLE 3: Learning programmes for specialisation areas

NURSING EDUCATION

Fundamental modules	Code	Credits
Ethos and professional nursing practice	PPV122	8
Health care and the law	GRV123	12
Research	REV114	16
Educational psychology	OSV114	16
Introduction to HIV and Aids health care	IVV 112	8
Core modules	Code	Credits
Nursing education	VOV116	24
Nursing education	VOV126	24
Nursing education practical	OVP105	20

HEALTH CARE MANAGEMENT

Fundamental modules	Code	Credits
Ethos and professional nursing practice	PPV122	8
Health care and the law	GRV123	12
Sociology	SOS164	16
Introduction to HIV and Aids health care	IVV 112	8
Core modules	Code	Credits
Health care management	GSB113	12
Health care management	GSB 126	24
Health care management	GSB136	24
Health care management practical	GBP105	20

OCCUPATIONAL HEALTH NURSING

Fundamental modules	Codes	Credits
Professional practice	PPV122	8
Health care and the law	GRV123	12
Sociology	SOS164	16
Pharmacology	FAV113	12
Health care management	GSB113	12
Introduction to HIV and Aids health care	IVV112	8
Core modules	Codes	Credits
Occupational health nursing	NGV116	24
Occupational health nursing	NGV126	24
Occupational health nursing practical	NGP105	20

HIV AND AIDS HEALTH CARE

Core modules	Codes	Credits
HIV and Aids health care	VIV118	32
HIV and AIDS health care	VIV128	32
HIV and AIDS health care practical	VIP102	8

OR

The offering of this specialisation area (128 credits) is subject to national approval.

HIV AND AIDS HEALTH CARE

Fundamental modules	Codes	Credits
Professional practice	PPV122	8
Health care and the law	GRV123	12
Pharmacology	FAV113	12
Health care management	GSB113	12
Core modules	Codes	Credits
HIV and Aids health care	VIV118	32
HIV and Aids health care	VIV128	32
HIV and Aids health care practical	VIP105	20

HIGH CARE CLINICAL NURSING

Core modules	Codes	Credits
High care clinical nursing	HSV117	28
High care clinical nursing	HSV127	28
High care clinical nursing practical	HSP104	16

WOUND CARE

Core modules	Codes	Credits
Wound care theory	WOW100	56
Wound care practical	WOP104	16

The fundamental modules for all the following specialisation areas are as follows:

Fundamental modules for all clinical fields	Codes	Credits
Professional practice	PPV122	8
Health care and the law	GRV123	12
Pharmacology	FAV113	12
Health care management	GSB113	12
Introduction to HIV and Aids health care	IVV112	8

BASIC MIDWIFERY

Core modules	Codes	Credits
Basic midwifery	VEV116	24
Basic midwifery	VEV126	24
Basic midwifery practical	BEP105	20

FORENSIC NURSING

Core modules	Codes	Credits
Forensic nursing	FOV116	24
Forensic nursing	FOV126	24
Forensic nursing practical	EOP105	20

COMMUNITY NURSING

Core modules	Codes	Credits
Community nursing	GMV116	24
Community nursing	GMV126	24
Community nursing practical	GMP105	20

GERONTOLOGICAL NURSING

Core modules	Codes	Credits
Gerontological nursing	GEV116	24
Gerontological nursing	GEV126	24
Gerontological nursing practical	GRP105	20

ADVANCED MIDWIFERY AND NEONATOLOGY

Core modules	Codes	Credits
Advanced midwifery and neonatology	GVV116	24
Advanced midwifery and neonatology	VNV126	24
Advanced midwifery and neonatology practical	GVP105	20

CHILD PSYCHIATRIC NURSING

Core modules	Codes	Credits
Child psychiatric nursing	KPV116	24
Child psychiatric nursing	KPV126	24
Child psychiatric nursing practical	KPP105	20

PAEDIATRIC NURSING

Core modules	Codes	Credits
Paediatric nursing	KDV116	24
Paediatric nursing	KDV126	24
Paediatric nursing practical	KDP105	20

CRITICAL CARE NURSING (GENERAL)

Core modules	Codes	Credits
Critical care nursing (general)	KSV116	24
Critical care nursing (general)	KSV126	24
Critical care nursing (general) practical	KSP105	20

MEDICAL AND SURGICAL NURSING

Core modules	Codes	Credits
Medical and surgical nursing	MCV116	24
Medical and surgical nursing	MCV126	24
Medical and surgical nursing practical	MCP105	20

OPERATING THEATRE NURSING

Core modules	Codes	Credits
Operating theatre nursing	TNV116	24
Operating theatre nursing	TNV126	24
Operating theatre nursing practical	TNP105	20

ORTHOPAEDIC NURSING

Core modules	Codes	Credits
Orthopaedic nursing	OTV116	24
Orthopaedic nursing	OTV126	24
Orthopaedic nursing practical	OTV105	20

PRIMARY CLINICAL HEALTH CARE

Core modules	Codes	Credits
Primary clinical health care	PKG116	24
Primary clinical health care	PKG126	24
Primary clinical health care practical	PKP105	20

PSYCHIATRIC NURSING

Core modules	Codes	Credits
Psychiatric nursing	PSV116	24
Psychiatric nursing	PSV126	24
Psychiatric nursing practical	PVP105	20

TRAUMA AND EMERGENCY NURSING

Core modules	Codes	Credits
Trauma and emergency nursing	TAV116	24
Trauma and emergency nursing	TAV126	24
Trauma and emergency nursing practical	TAP115	10
Trauma and emergency nursing practical	TAP125	10

Reg. VGH 4.12.2 Elective modules

A student may choose from the following electives if credits are needed to reach a total of 360.

Name of course	Code	Module	Credits
Sociology	SOS114	Introduction to social imagination	16
Sociology	SOS124	Social institutions and social change	16
Sociology	SOS244	Population dynamics and environmental issues	16
Sociology	SOS234	Sociology of family and household life	16
Psychology	PSY224	Developmental psychology	16
Psychology	PSY152	Positive psychology	8
Psychology	PSY322	Introduction to social psychology	8
Psychology	PTV352	Introduction to counselling skills	8
Philosophy	WYS124	Aspects of the world argumentation theory and Philosophical anthropology	16
Philosophy	WYS114	Introduction to philosophy, worldview	16

Name of course	Code	Module	Credits
		interpretation and ethical decision-making	
Philosophy	WYS224	Africa philosophy, ideology and multiculturalism	16
Research	VRT702	Introduction to research	20
English	ENG194	Introductory English skills	16
Anatomy and Physiology	BMN124	Introduction, terminology and basic embryology Skeletal systems Articulatory system Muscular system Digestive systems Chemical composition of the body Nutrition and metabolism Physiology of the digestive system Physiology of respiration Skin and body temperature Autonomous nervous system Basic physiology of the nervous system Physiology of blood Body protection	16
Anatomy and Physiology	BMN214	Circulatory system Respiratory system Nervous system Sense organs and the skin Uro-genital system Endocrine system Cardiovascular physiology Endocrine physiology Sexual physiology and physiology of pregnancy Kidney physiology Acid-base balance Somatic nervous system	16
Microbiology	MCB214	Introduction to microbiology for the health sciences	16
Microbiology	MCB224	Pathogenic micro-organisms	16
Computer Literacy	BRS111	Basic computer literacy	4
Computer Literacy	RIS121	Advanced computer practice	4
Writer's Course	SPRESK	Writer's course	4

Should students wish to enrol for modules not listed under elective modules, approval must be obtained from the Head of the School of Nursing.

R80(d) applies to VRT702.

A student may register for VRT702 only on the recommendation of the Head of the School.

Reg. VGH4.13 Equivalent codes

Modules followed in the B. in Advanced Nursing in 1999 – 2001 are equivalent to the following modules in 2002:

B. in Advanced Nursing 2002 modules	Codes	B. in Advanced Nursing 1999 – 2001 modules	Codes
Ethos and professional practice	PPV122	Ethos and professional practice	PPV120
Health care and the law	GRV122	Health care and the law	GRV120
Research	REV114	Research	REV110
Educational psychology	OSV114	Educational psychology	OSV110
Sociology	SOS164	Sociology	SOS165
Nursing education management	OBV113	Nursing education management	OBV110
Nursing education I	VOV115	Nursing education	VOV110
Nursing education II	VOV125	Nursing education	VOV120
Nursing education practical	OVP104	Nursing education practical	OVP100
Health care management	GSB113	Health care management	GSB110
Health care management	GSB126	Health care management	GSB120
Health care management	GSB136	Health care management	GSB130
Health care management practical	GBP105	Health care management practical	GBP100
Occupational health nursing I	NGV115	Occupational health nursing I	NGV110
Occupational health nursing II	NGV125	Occupational health nursing II	NGV120
Occupational health nursing practical	NGP105	Occupational health nursing practical	NGP100
High care clinical nursing I	HSV117	High Care Clinical Nursing I	HSV110
High care clinical nursing II	HSV127	High Care Clinical Nursing II	HSV120
High care clinical nursing practical	HSP104	High care clinical nursing practical	HSP100
Pharmacology	FRM116	Pharmacology	FRM110
Pharmacology	FRM126/ FRM146	Pharmacology	FRM120
Basic midwifery	VEV115	Basic midwifery	VEV110
Basic midwifery	VEV125	Basic midwifery	VEV120
Basic midwifery practical	BEP105	Basic midwifery practical	BEP105
Forensic nursing	FOV115	Forensic nursing	FOV110
Forensic nursing	FOV125	Forensic nursing	FOV120
Forensic nursing practical	EOP105	Forensic nursing practical	EOP100
Community nursing	GMV115	Community nursing	GMV110
Community nursing	GMV125	Community nursing	GMV120
Community nursing practical	GMP105	Community nursing practical	GMP100
Gerontological nursing	GEV115	Gerontological nursing	GEV110
Gerontological nursing	GEV125	Gerontological nursing	GEV120
Gerontological nursing practical	GRP105	Gerontological nursing practical	GRP100
Advanced midwifery and neonatology	GVV115	Advanced midwifery and neonatology	GVV110
Advanced midwifery and neonatology	VNV125	Advanced midwifery and neonatology	VNV120
Advanced midwifery and neonatology practical	GVP105	Advanced midwifery and neonatology practical	GVP100
Child psychiatric nursing	KPV115	Child psychiatric nursing	KPV110
Child psychiatric nursing	KPV125	Child psychiatric nursing	KPV120
Child psychiatric nursing practical	KPP105	Child psychiatric nursing practical	KPP100
Paediatric nursing	KDV115	Paediatric nursing	KDV110
Paediatric nursing	KDV125	Paediatric nursing	KDV120

B. in Advanced Nursing 2002 modules	Codes	B. in Advanced Nursing 1999 – 2001 modules	Codes
Paediatric nursing practical	KDP105	Paediatric nursing practical	KDP100
Critical care nursing (general)	KSV115	Critical care nursing (general)	KSV110
Critical care nursing (general)	KSV125	Critical care nursing (general)	KSV120
Critical care nursing (general) practical	KSP105	Critical care nursing (general) practical	KSP100
Medical and surgical nursing	MCV115	Medical and surgical nursing	MCV110
Medical and surgical nursing	MCV125	Medical and surgical nursing	MCV120
Medical and surgical nursing practical	MCP105	Medical and surgical nursing practical	MCP100
Operating theatre nursing	TNV115	Operating theatre nursing	TNV110
Operating theatre nursing	TNV125	Operating theatre nursing	TNV120
Operating theatre nursing practical	TNP105	Operating theatre nursing practical	TNP100
Primary clinical care nursing	PKG115	Primary clinical care nursing	PKG110
Primary clinical care nursing	PKG125	Primary clinical care nursing	PKG120
Primary clinical care nursing practical	PKP105	Primary clinical care nursing practical	PKP100
Psychiatric nursing	PSV115	Psychiatric nursing	PSV110
Psychiatric nursing	PSV125	Psychiatric nursing	PSV120
Psychiatric nursing practical	PVP105	Psychiatric nursing practical	PVP100

Modules followed in the B. in Advanced Nursing in 2003 are equivalent to the following modules in 2004:

B. in Advanced Nursing 2004 Modules	Codes	B. in Advanced Nursing 2003 modules	Codes
Pharmacology I	FAV113	Pharmacology I	FRM116
Health care and the law	GRV123	Health care and the law	GRV122
Occupational health nursing I	NGV116	Occupational health nursing I	NGV115
Occupational health nursing II	NGV126	Occupational health nursing II	NGV125
Basic midwifery I	VEV116	Basic midwifery I	VEV115
Basic midwifery II	VEV126	Basic midwifery II	VEV125
Forensic nursing I	FOV116	Forensic Nursing I	FOV115
Forensic nursing II	FOV126	Forensic Nursing II	FOV125
Community health nursing I	GMV116	Community health nursing I	GMV115
Community health nursing II	GMV126	Community health nursing II	GMV125
Gerontological nursing I	GEV116	Gerontological nursing I	GEV115
Gerontological nursing II	GEV126	Gerontological nursing II	GEV125
Advanced midwifery and neonatology I	GVV116	Advanced midwifery and neonatology I	GVV115
Advanced midwifery and neonatology II	VNV126	Advanced midwifery and neonatology II	VNV125
Child psychiatric nursing I	KPV116	Child psychiatric nursing I	KPV115
Child psychiatric nursing II	KPV126	Child psychiatric nursing II	KPV125
Paediatric nursing I	KDV116	Paediatric nursing I	KDV115
Paediatric nursing II	KDV126	Paediatric nursing II	KDV125
Critical care nursing I (general)	KSV116	Critical care nursing I (general)	KSV115
Critical care nursing II (general)	KSV126	Critical care nursing II (general)	KSV125

B. in Advanced Nursing 2004 Modules	Codes	B. in Advanced Nursing 2003 modules	Codes
Medical and surgical nursing I	MCV116	Medical and surgical nursing I	MCV115
Medical and surgical nursing II	MCV126	Medical and surgical nursing II	MCV125
Operating theatre nursing I	TNV116	Operating Theatre nursing I	TNV115
Operating Theatre nursing II	TNV126	Operating theatre nursing II	TNV125
Orthopaedic nursing I	OTV116	Orthopaedic nursing I	OTV115
Orthopaedic nursing II	OTV126	Orthopaedic nursing II	OTV125
Primary clinical health care I	PKG116	Primary clinical health care I	PKG115
Primary clinical health care II	PKG126	Primary clinical health care II	PKG125
Psychiatric nursing I	PSV116	Psychiatric nursing I	PSV115
Psychiatric nursing II	PSV126	Psychiatric nursing II	PSV125
Trauma and emergency nursing I	TAV116	Trauma and emergency nursing I	TAV115
Trauma and emergency nursing II	TAV126	Trauma and emergency nursing II	TAV125

Modules followed in the B. in Advanced Nursing in 2005 are equivalent to the following modules in 2006:

B. in Advanced Nursing 2005 modules	Codes	B. in Advanced Nursing 2006 modules	Codes
Trauma and emergency nursing practical	TAV105	Trauma and emergency nursing practical	TAP115 and TAP125

Modules followed in the B. in Advanced Nursing in 1999 – 2008 are equivalent to the following modules in 2009:

B. in Advanced Nursing 1999-2008 Modules	Codes	B. in Advanced Nursing 2009 modules	Codes
Inequalities in society	SOS132 (8C)	Introduction to social imagination	SOS114 (16C)
Society in demographic perspective	SOS142 (8C)	Social institutions and social change	SOS124 (16C)
Deviant behaviour	SOS212 (8C)	Population dynamics and environmental issues	SOS244 (16C)
Family and household life	SOS232 (8C)	Sociology of family and household life	SOS234 (16C)
Human development	PSY122 (8C)	Developmental psychology	PSY224 (16C)
Philosophical anthropology	WYS122 (8C)	Aspects of the world argumentation theory and philosophical anthropology	WYS124 (16C)
Value paradigms and medical ethics	WYS142 (8C)	Introduction to philosophy, world-view interpretation and ethical decision-making	WYS114 (16C)
Africa philosophy	WYS222 (8C)	Africa philosophy, ideology and multiculturalism	WYS224 (16C)
Basic anatomy Physiology	ANA124 (16C) FFB123 (12C)	Anatomy and physiology	FFB124 (16C)

B. in Advanced Nursing 1999-2008 Modules	Codes	B. in Advanced Nursing 2009 modules	Codes
Basic anatomy Physiology	ANA214 (16C) FFB213 (12C)	Anatomy and physiology	BMN214 (16C)
Microbiology	MCB212 (8C) MCB232 (8C)	Microbiology	MCB214 (16C)
Microbiology	MCB222 (8C) MCB242 (8C)	Microbiology	MCB224 (16C)
Nursing education	VOV115 (20C)	Nursing education	VOV116 (24C)
Nursing education	VOV125 (20C)	Nursing education	VOV126 (24C)
Nursing education practical	OVP104 (16C)	Nursing education practical	OVP105 (20C)

Elective modules followed in the B. in Advanced Nursing in 1999 – 2008 are equivalent to modules in the B. in Advanced Nursing for 2009

B. in Advanced Nursing 1999-2008 Modules	Codes	B. in Advanced Nursing 2009 modules	Codes
Social psychology	PSY222 (8C)	Introduction to social psychology	PSY322 (8C)
Fundamental principles of psychological counselling	PSY242 (8C)	Introduction to counselling skills	PTV352 (8C)

Reg. VGH 4.14 Learning contents

The themes of modules and the range of question papers and credits are set out in Table 4.

TABLE 4: Themes of modules and range of examination papers and credits

MODULES AND PAPER	UNITS		CREDITS
Basic midwifery VEV116 One three-hour paper	Unit	1 History of midwifery Current trends in midwifery Readiness for parenthood Applied anatomy and physiology (4) 2 Midwifery management and care in normal pregnancy Normal delivery Normal puerperium and neonatology Health education and antenatal preparation Maternal care and immunisation Breastfeeding Family planning (20)	24
Basic midwifery VEV126 One three-hour paper	Unit	1 Midwifery management and care in high-risk pregnancy High risk deliveries High risk puerperium (12) 2 Midwifery management and care of the neonate at risk (12)	24
Occupational health nursing NGV116 One three-hour paper	Unit	1 National, regional and local occupational health profile (4) 2 Industrial hygiene (16) 3 Legislation (4)	24
Occupational health nursing NGV126 One three-hour paper	Unit	1 Modalities of occupational health nursing	24
Ethos and professional practice PPV122 One two-hour paper	Unit	1 Nursing as a profession 2 Nursing theories 3 Ethics and nursing 4 Influence of contemporary issues on the nursing profession	8
Pharmacology FAV113 One three-hour paper	Unit	1 Introduction to pharmacology (4) 2 Drug types (8)	12
Forensic nursing FOV116 One three-hour paper	Unit	1 Introduction to forensic nursing (4) 2 Physical assault (4) 3 Sexual assault nursing care (10) 4 Child abuse (6)	24
Forensic nursing FOV126 One three-hour paper	Unit	1 Legal aspects and gathering evidence (6) 2 Offenders (8) 3 Living forensic nursing (8) 4 Post-mortems (2)	24
Health care management GSB113 One three-hour paper	Unit	1 The health care system in South Africa (4) 2 Management as a phenomenon in health care service delivery (8)	12

MODULES AND PAPER	UNITS		CREDITS
Health care management GSB126 One three-hour paper	Unit	1 Human resource management for health care service delivery (20) 2 Research and health care management (4)	24
Health care management GSB136 One three-hour paper	Unit	1 Public health care management (8) 2 Financial management in the public and private health care sectors (8) 3 Health care management for health care service delivery (8)	24
Health care and the law GRV123 One two-hour paper	Unit	1 SA legal system Legal and ethical guidelines Different forms of responsibility Informed consent Legal and ethical aspects in practice	12
Community health Nursing GMV116 One three-hour paper	Unit	1 Processes of community nursing (8) 2 Community care (community profile, demography, epidemiology, environmental health) (8) 3 Community health (community participation, education, home visits, family dynamics) (8)	24
Community health Nursing GMV126 One three-hour paper	Unit	1 Family care (birth to old age) (12) 2 Communicable diseases and reproductive care (8) 3 Occupational health (4)	24
Gerontological nursing GEV116 One three-hour paper	Unit	1 Demography of the elderly population and ageing process (8) 2 Psychosocial aspects of ageing (8) 3 Gerontological nursing skills (8)	24
Gerontological nursing GEV126 One three-hour paper	Unit	1 Gerontological services in SA and elsewhere (8) 2 Rehabilitation and home care; nutrition (8) 3 Aetiology of gerontological disorders, diagnostic and treatment methods (8)	24
Advanced midwifery and neonatology GVV116 One three-hour paper	Unit	1 Reproductive health care (8) 2 Maternal and family health care during pregnancy, labour, puerperium and the neonate (12) 3 Role of advanced midwife (4)	24
Advanced midwifery and neonatology VNV126 One three-hour paper	Unit	1 High risk midwifery (12) 2 High risk neonatology (8) 3 Safe motherhood (4)	24
High care HSV117 Two two-hour papers	Unit	1 Haemodynamic monitoring (4) 2 Basic and advanced life support (4) 3 Dysrhythmias (4) 4 Fluid and electrolyte imbalance (4) 5 Renal management (4) 6 Shock (8)	28

MODULES AND PAPER	UNITS		CREDITS
High care HSV127 Two two-hour papers	Unit	1 Infection control (8) 2 Respiratory nursing care (4) 3 Acute respiratory failure (8) 4 Autonomic pharmacology (4) 5 Neurological assessment (4)	28
Introduction to HIV and Aids health care IVV112 One two-hour paper	Unit	1 Introduction to HIV and Aids health care	8
Child psychiatric nursing KPV116 One three-hour paper	Unit	1 Common psychiatric disorders that apply to children (8) 2 Genetics and child psychiatric disorders (8) 3 Psychiatric assessment of children and their families 4 Appropriate developmental theories (8)	24
Child psychiatric nursing KPV126 One three-hour paper	Unit	1 Treatment modalities	24
Paediatric nursing KDV116 One three-hour paper	Unit	1 General development of the child; development, function and pathophysiology of the body systems of the child (16) 2 Assessment of the health status of a child; maintenance of the health of the child (4) 3 Developmental problems and their treatment (4)	24
Paediatric nursing KDV126 One three-hour paper	Unit	1 Paediatric nursing care in short- and long-term hospitalisation (16) 2 Community paediatric nursing care (8)	24
Critical care (general) KSV116 One three-hour paper	Unit	1 Fundamental critical care (8) 2 Respiratory nursing care (8) 3 Cardiovascular and cardiothoracic nursing care (8)	24
Critical care (general) KSV126 One three-hour paper	Unit	1 Neurological and neurosurgical nursing care (8) 2 Surgical nursing care (8) 3 Nephrological and endocrinological nursing care (8)	24
Medical surgical nursing MCV116 One three-hour paper	Unit	1 Surgical and medical nursing modalities (12) 2 Medical and surgical nursing care of patients with diseases of the cardiovascular and respiratory systems (12)	24
Medical Surgical Nursing MCV126 One three-hour paper	Unit	1 Medical and surgical nursing care of patients with diseases of the endocrine and metabolic, neurological, gastrointestinal and genito-urinary systems	24
HIV and Aids health care VIV118 Two two-hour papers	Unit	1 Introduction to HIV and Aids health care (12) - History of Aids	32

MODULES AND PAPER	UNITS		CREDITS
		<ul style="list-style-type: none"> - Global epidemiological patterns - Immune system - Routes of transmission - Diagnosis of HIV/Aids - Counselling - Stages of HIV infection - Progression of HIV - Introduction to treatment (10) - Applied ethical issues (10) 	
HIV and Aids health care VIV128 Two two-hour papers	Unit	1 HIV and Aids treatment <ul style="list-style-type: none"> - Adult - Pregnant woman - Child 	32
Research REV114 One three-hour paper	Unit	1 Introduction to nursing research (4) 2 Research process (12)	16
Operating theatre nursing TNV116 One three-hour paper	Unit	1 Peri-operative nursing care (8) 2 Asepsis and infection control in the operating theatre (8) 3 Positioning the patient in the operating theatre Wound healing and haemostasis Specialised instruments Specialised diagnostic procedures (8)	24
Operating theatre nursing TNV126 One three-hour paper	Unit	1 General surgical procedures (8) 2 Urological, gynaecological, ophthalmological, ear, nose and throat surgery (8) 3 Neurosurgery, thoracic, mouth and jaw, plastic and reconstructive and orthopaedic surgery (8)	24
Educational psychology OSV114 Formative assessment and promotion	Unit	1 Styles of learning (4) 2 Pedagogic problem areas (4) 3 Adolescence (4) 4 Motivation, interest and attention (4)	16
Orthopaedic nursing OTV116 One three-hour paper	Unit	1 Arthritis and other rheumatoid disorders (8) 2 Tuberculosis Bone infections, Bone necrosis (4) 3 Metabolic and endocrine disorders with regard to orthopaedics (4) 4 Dysplasia Tumours Amputations Neurovascular disorders Peripheral vascular disorders (4) 5 Orthopaedic nursing skills (4)	24
Orthopaedic nursing OTV126 One three-hour paper	Unit	1 Orthopaedic disorders of various areas of the body (8) 2 Trauma with regard to orthopaedics (8) 3 Injuries of the upper and lower limbs, neck and back (8)	24

MODULES AND PAPER	UNITS		CREDITS
Primary clinical health care PKG116 One three-hour paper	Unit	1 Screening, principles of clinical diagnosis and treatment (12) 2 Aetiology, pathology, diagnosis and treatment/referral, and prevention and rehabilitation of common diseases (all age groups) (12)	24
Primary clinical health care PKG126 One three-hour paper	Unit	1 Aetiology, pathology, diagnosis and treatment/referral, and prevention of common minor ailments (all age groups) (12) 2 Primary mother and child care (8) 3 Emergency treatment (4)	24
Psychiatric nursing PSV116 One three-hour paper	Unit	1 Psychiatric nursing skills (8) Nursing care of adults with the following specific disorders: 2 Psychoses (8) 3 Anxiety disorders (4) 4 Mood disorders (4)	24
Psychiatric nursing PSV126 24 credits One three-hour paper	Unit	1 The nursing care of adults with the following specific disorders: Delirium, dementia and other cognitive disorders, eating disorders, sexual disorders, personality disorders, substance abuse (12) 2 The nursing care of persons with mental disability (8) 3 The nursing care of children with psychiatric disorders (4)	24
Sociology SOS 164 Formative assessment	Unit	1 Introduction to labour relations: environmental factors that play a role in industrial relations 2 Participants in the South African labour relations system 3 Features of the South African labour market 4 Labour relations in the workplace 5 Collective bargaining and the rights of the worker 6 Industrial democracy and worker participation 7 Industrial action	16
Trauma and emergency nursing TAV116 One three-hour paper	Unit	1 Initial assessment and management (8) 2 Airway and ventilation (4) 3 Shock (4) 4 Thorax and abdominal trauma (8)	24
Trauma and emergency nursing TAV126 One three-hour paper	Unit	1 Head injuries (8) 2 Spinal cord trauma (4) 3 Musculoskeletal trauma (4) 4 Burns (4) 5 Special considerations in trauma (4)	24
Nursing education VOV116 One three-hour paper	Unit	1 Education legislation and outcome based education (5) 2 Curriculum/programme development - Context: situation analysis (3) - Foundation: mission and vision (2)	24

MODULES AND PAPER	UNITS		CREDITS
		<ul style="list-style-type: none"> - Macro and micro development (4) 3 Teaching models, methods, techniques and approaches (5) 4 Learner centred teaching, methods and teaching media (5) 	
Nursing education VOV126 One three-hour paper	Unit	<ul style="list-style-type: none"> 1 Outcome based education (4) <ul style="list-style-type: none"> - Clinical teaching (4) - Learner assessment (4) - Clinical assessment (4) 2 Teaching management (2) 3 Quality assurance in higher education (4) 4 Programme evaluation (2) 	24
Wound care WOW100 56 credits - 20 credits: Formative Assessment - 36 credits: two two-hour papers	Unit	<ul style="list-style-type: none"> 1 Factors that influence wound healing Anatomy and physiology of the skin Anatomy and physiology of wound healing Factors that influence wound healing Infection control (4) 2 Wound care (4) 3 Burns (8) 4 Lower leg ulcers (8) 5 Diabetic foot Pressure sores(8) 6 Fungating wounds Traumatic wounds Complications of wounds (8) 7 Clinical research (8) 8 Private nursing practice Alternative therapies (8) 	56

ADVANCED UNIVERSITY DIPLOMA IN NURSING

Study Code See Table 1

Reg. VGH5 REGULATION FOR THE ADVANCED UNIVERSITY DIPLOMAS IN NURSING**Reg. VGH5.1 Information**

Advanced University Diplomas in Nursing are post-basic diplomas made up of fundamental, core and elective modules (see Table 1). A choice may be made between non-clinical and clinical specialisation areas. Specialisations consist of a theoretical and practical component.

TABLE 1: Advanced University Diplomas

QUALIFICATIONS	PROFESSIONAL REGISTRATIONS	CREDITS	STUDY CODE
Advanced University Diploma in Nursing Education	Nursing Education	128	2213
Advanced University Diploma in Health Care Management	Health Care Management	124	2211
Advanced University Diploma in Advanced Midwifery and Neonatology	Post-basic qualification in midwifery and neonatology	120	2225
Advanced University Diploma in Basic Midwifery	Midwifery	120	2228
Advanced University Diploma in Community Nursing	Community Nursing Science	120	2215
Advanced University Diploma in Child Psychiatric Nursing	Child Psychiatric Nursing	120	2217
Advanced University Diploma in Critical Care Nursing (General)	Critical Care Nursing (general)	120	2212
Advanced University Diploma in Forensic Nursing		120	2231
Advanced University Diploma in Gerontological Nursing	Gerontological Nursing	120	2216
Advanced University Diploma in Occupational Health Nursing	Occupational Health Nursing Science	136	2219
Advanced University Diploma in Medical and Surgical Nursing	Medical Surgical Nursing	120	2218
Advanced University Diploma in Operating Theatre Nursing (General)	Medical Surgical Nursing (Operating Theatre Nursing)	120	2227
Advanced University Diploma in Orthopaedic Nursing	Orthopaedic Nursing	120	2232
Advanced University Diploma in Paediatric Nursing	Child Health Care (Paediatric Nursing)	120	2223
Advanced University Diploma in Primary Clinical Health care	Primary Clinical Health Care	120	2214
Advanced University Diploma in Psychiatric Nursing	Psychiatric Nursing	120	2224

QUALIFICATIONS	PROFESSIONAL REGISTRATIONS	CREDITS	STUDY CODE
Advanced University Diploma in Trauma and Emergency Nursing	Trauma and Emergency Nursing	120	2234
Advanced University Diploma in HIV and Aids		128	Subject to national approval

Reg. VGH5.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for diplomas.

National Standard Field: 09 Health Sciences and Social Services.

Reg. VGH5.3 Admission requirements and selection

- (i) Prospective students must apply to the programme director on the prescribed form before 30 September of every year to be admitted to a specialisation area.
- (ii) A generic degree or diploma in nursing is required. Students must also be registered as general nurses with the SA Nursing Council or another recognised council.
- (iii) The School of Nursing reserves the right to request or to obtain information in order to ascertain whether students are physically and psychologically equipped to meet the demands of the programme, before admission or during training. Selection is also applied in this regard.
- (iv) Nurses who wish to obtain registration with the SA Nursing Council for this qualification must provide proof of paid-up registration as general nurses with the SA Nursing Council.
- (v) *Child Psychiatric Nursing*
Students who choose child psychiatric nursing as a specialisation must be in possession of a post basic or basic qualification in psychiatric nursing and be registered as psychiatric nurse with the SA Nursing Council or another recognised council.
- (vi) *Advanced Midwifery and Neonatology*
Students who choose advanced midwifery and neonatology as specialisations must be in possession of a post basic or basic qualification in midwifery and be registered as midwives with the SA Nursing Council or another recognised council.

To register for modules in this specialisation area prospective students must undergo an orientation programme approved by the School of Nursing and write an admission test for which an average of 50% is required.

As an alternative a student may write only an admission test for which an average of 50% is required.

(vii) *Trauma and Emergency Nursing*

Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.

Trauma and Emergency Nursing I (TAV116) is a prerequisite for the registration in Trauma and Emergency Nursing II (TAV126).

(viii) *Operating Theatre Nursing*

Prospective students must perform a skills test or provide proof that they have certain key competencies and must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission

(ix) *Nursing Education*

Prospective students must have obtained a sub minimum of 60% for a previous higher education nursing qualification.

Prospective students who already fill nursing education posts will receive priority in terms of statutory requirements.

(x) *Critical Care Nursing*

Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.

(xi) *Primary Clinical Health Care*

Prospective students must be in possession of a qualification in Community Health Nursing in order to obtain admission to register for Primary Clinical Health Care.

(xii) *Health Care Management*

Prospective students must provide certified proof of 900 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.

Reg. VGH5.4 Readmission and checking of a student

UFS Regulation A36 applies.

- (i) Students who have not obtained the qualification after the minimum period for the particular qualification, plus one year calculated from the date of first registration for that qualification, will be allowed to continue with the study only with the permission of the Dean.
- (ii) Students may not register more than twice for the same module except with the permission of the Dean.
- (iii) For students receiving recognition of prior learning, the period is calculated on the same principle as in (i).

Reg. VGH5.5 Requirements to pass

- (i) 50% is required to pass a module.
- (ii) A module mark is earned by means of formative assessment and comprises 50% of the final figure.
- (iii) The clinical core modules consist of Nursing (Theory) and Nursing (Practical) and must be passed separately.
- (iv) Although all demonstrations and compulsory patient contact sessions must be attended, special arrangements will be made if a student cannot attend for an acceptable reason.
- (v) Promotion does not take place in Nursing core, fundamental and elective modules.
- (vi) Pass requirements for practical work is 50%.
- (vii) A sub-minimum of 50% applies for practical work in the examination.
- (viii) In the case of an OSCE (objective structured clinical evaluation) examination, a sub-minimum of 40% per OSCE station must be obtained.

Reg. VGH5.6 Nursing practical

All facets of the practical component, including its range and the timetable are arranged by the Head of the School of Nursing.

Nursing practical must be performed in approved clinical facilities.

Reg. VGH5.7 Diploma with distinction

A diploma in an advanced field is awarded with distinction if:

- (i) A combined average of 75% is obtained for all the Nursing modules.
- (ii) A combined average of at least 70% is obtained for all the remaining modules.
- (iii) The diploma is completed in two years.

Reg. VGH5.8 Exemption and recognition from modules and themes of modules

Recognition of modules that coincide with modules in this diploma programme will be given on condition that the number of credits for which the student gets recognition does not exceed half (60 credits) of the credits for the diploma.

Exemption of a theme of a module as set out in the learning programme (curriculum) can be given recognition after the student has met the evaluation requirements for prior learning. The marks for the remaining themes that are earned will be processed to a percentage.

Modules of the undermentioned advanced university diplomas that was presented from 1994 until 1999 by die School of Nursing, are equivalent to modules in the advanced university diplomas mentioned in Table 2.

Advanced University Diploma in Nursing Administration (GDVA)
 Advanced University Diploma in Clinical Nursing (GDKV), with specialisation curricula.
 Midwifery and Neonatal Nursing, Child Psychiatric Nursing and Community Nursing.

TABLE 2: Similarity modules in the advanced university diplomas

Advanced Diploma	University	Previous modules (advanced diploma)	
Sociology	SOS164	Sociology	SOS165
Professional practice	PPV120	Ethos and professional practice	VRT529
Educational psychology	OSV110	Educational psychology	OPV105
Nursing education I	VOV110	Nursing education	VPO115
Nursing education II	VOV120	Nursing education	VPO125
Nursing education practical	OVP100	Nursing education practical	VPP100
Health care management I	GSB110	Nursing administration	VRA115/ 125
Health care management II	GSB120	Nursing administration	VRA225
Health care management practical	GBP100	Nursing administration practical	VAP100
Nursing education management	OBV110	Nursing education management	VRA115/ 125
Advanced midwifery	GVV110/ VNV120	Advanced midwifery	VRT513/ 514
Advanced midwifery practical	GVP100	Advanced midwifery practical	VRP500
Research	REV110	Research	NAV110
Community nursing	GMV110/ 120	Community nursing	VRT517/ 527
Community nursing practical	GMP100	Community nursing practical	VRP502
Child psychiatric nursing	KPV110/ 120	Child psychiatric nursing	VRT515/ 525
Child psychiatric nursing practical	KPP100	Child psychiatric nursing practical	VRP501

Recognition of modules passed in other diploma programmes will be granted.

Reg. VGH5.9 Recognition of prior learning

Prior learning is recognised by:

Portfolio presentations
 Tests; and/or
 Examinations; and/or
 Clinical skills tests; and/or
 Objective structured clinical evaluation (OSCE).

Reg. VGH5.10 Offering of modules

The School of Nursing reserves the right not to offer a few modules for a limited period when specialised staff is not available.

The School of Nursing may consider options to extend the number of modules in accordance with health care needs and the availability of staff and infrastructure.

Reg. VGH5.11 Curriculum

The curriculum for the diploma consists of a choice of one of the 17 specialisation areas, and is made up of fundamental and core modules.

Modules for all the academic years are selected in consultation with the Head of the School of Nursing.

Reg. VGH5.11.1 Fundamental and core modules in the various specialisation areas of the learning programme are shown in Table 3

TABLE 3: Learning programmes for specialisation areas

NURSING EDUCATION

Fundamental modules	Codes	Credits
Ethos and professional nursing practice	PPV122	8
Health care and the law	GRV123	12
Research	REV114	16
Educational psychology	OSV114	16
Introduction to HIV and Aids health care	IVV112	8
Core modules	Codes	Credits
Nursing education	VOV116	24
Nursing education	VOV126	24
Nursing education practical	OVP105	20

HEALTH CARE MANAGEMENT

Fundamental modules	Codes	Credits
Ethos and professional nursing practice	PPV122	8
Health care and the law	GRV123	12
Sociology	SOS164	16
Introduction to HIV and Aids health care	IVV112	8
Core modules	Codes	Credits
Health care management	GSB113	12
Health care management	GSB126	24
Health care management	GSB136	24
Health care management practical	GBP105	20

OCCUPATIONAL HEALTH NURSING

Fundamental modules	Codes	Credits
Professional practice	PPV122	8
Health care and the law	GRV123	12
Sociology	SOS164	16
Pharmacology	FAV113	12
Health care management	GSB113	12
Introduction to HIV and Aids health care	IVV112	8
Core modules	Codes	Credits
Occupational health nursing	NGV116	24
Occupational health nursing	NGV126	24
Occupational health nursing practical	NGP105	20

The offering of this specialisation area (128 credits) is subject to national approval.

HIV AND AIDS HEALTH CARE

Fundamental modules	Codes	Credits
Professional practice	PPV122	8
Health care and the law	GRV123	12
Pharmacology	FAV113	12
Health care management	GSB113	12
Core modules	Codes	Credits
HIV and Aids health care	VIV118	32
HIV and Aids health care	VIV128	32
HIV and Aids health care practical	VIP105	20

The fundamental modules for all other specialisation areas are as follows:

Fundamental modules for all clinical fields	Codes	Credits
Professional practice	PPV122	8
Health care and the law	GRV123	12
Pharmacology	FAV113	12
Health care management	GSB113	12
Introduction to HIV and Aids health care	IVV112	8

BASIC MIDWIFERY

Core modules	Codes	Credits
Basic midwifery	VEV116	24
Basic midwifery	VEV126	24
Basic midwifery practical	BEP105	20

FORENSIC NURSING

Core modules	Codes	Credits
Forensic nursing	FOV116	24
Forensic nursing	FOV126	24
Forensic nursing practical	EOP105	20

COMMUNITY NURSING

Core modules	Codes	Credits
Community nursing	GMV116	24
Community nursing	GMV126	24
Community practical	GMP105	20

GERONTOLOGICAL NURSING

Core modules	Codes	Credits
Gerontological nursing	GEV116	24
Gerontological nursing	GEV126	24
Gerontological nursing practical	GRP105	20

ADVANCED MIDWIFERY AND NEONATOLOGY

Core modules	Codes	Credits
Advanced midwifery and neonatology	GVV116	24
Advanced midwifery and neonatology	VNV126	24
Advanced midwifery and neonatology practical	GVP105	20

CHILD PSYCHIATRIC NURSING

Core modules	Codes	Credits
Child psychiatric nursing	KPV116	24
Child psychiatric nursing	KPV126	24
Child psychiatric nursing practical	KPP105	20

PAEDIATRIC NURSING

Core modules	Codes	Credits
Paediatric nursing	KDV116	24
Paediatric nursing	KDV126	24
Paediatric nursing practical	KDP105	20

CRITICAL CARE NURSING (GENERAL)

Core modules	Codes	Credits
Critical care nursing (general)	KSV116	24
Critical care nursing (general)	KSV126	24
Critical care nursing (general) practical	KSP105	20

MEDICAL AND SURGICAL NURSING

Core modules	Codes	Credits
Medical and surgical nursing	MCV116	24
Medical and surgical nursing	MCV126	24
Medical and surgical nursing practical	MCP105	20

OPERATING THEATRE NURSING

Core modules	Codes	Credits
Operating theatre nursing	TNV116	24
Operating theatre nursing	TNV126	24
Operating theatre nursing practical	TNP105	20

ORTHOPAEDIC NURSING

Core modules	Codes	Credits
Orthopaedic nursing	OTV116	24
Orthopaedic nursing	OTV126	24
Orthopaedic nursing practical	OTV105	20

PRIMARY CLINICAL HEALTH CARE

Core modules	Codes	Credits
Primary clinical health care	PKG116	24
Primary clinical health care	PKG126	24
Primary clinical health care practical	PKP105	20

PSYCHIATRIC NURSING

Core modules	Codes	Credits
Psychiatric nursing	PSV116	24
Psychiatric nursing	PSV126	24
Psychiatric nursing practical	PVP105	20

TRAUMA AND EMERGENCY NURSING

Core modules	Codes	Credits
Trauma and emergency nursing	TAV116	24
Trauma and emergency nursing	TAV126	24
Trauma and emergency nursing practical	TAP115	10
Trauma and emergency nursing practical	TAP125	10

Reg. VGH5.11.2 Elective modules

A student may choose from the following electives if credits are needed

Name of course	Code	Module	Credits
Sociology	SOS114	Introduction to social imagination	16
Sociology	SOS124	Social institutions and social change	16
Sociology	SOS244	Population dynamics and environmental issues	16
Sociology	SOS234	Sociology of family and household life	16
Psychology	PSY224	Developmental psychology	16
Psychology	PSY152	Positive psychology	8
Psychology	PSY322	Introduction to social psychology	8
Psychology	PTV352	Introduction to counselling skills	8
Philosophy	WYS124	Aspects of the world argumentation theory and philosophical anthropology	16
Philosophy	WYS114	Introduction to philosophy, worldview interpretation and ethical decision-making	16
Philosophy	WYS224	Africa philosophy, ideology and multiculturalism	16
Research	VRT702	Introduction to research	20
English	ENG 194	Introductory English skills	16
Anatomy and physiology	BMN124	Introduction, terminology and basic embryology Skeletal systems Articulatory system Muscular system Digestive systems Chemical composition of the body Nutrition and metabolism Physiology of the digestive system Physiology of respiration Skin and body temperature Autonomous nervous system Basic physiology of the nervous system Physiology of blood Body protection	16

Name of course	Code	Module	Credits
Anatomy and physiology	BMN214	Circulatory system Respiratory system Nervous system Sense organs and the skin Uro-genital system Endocrine system Cardiovascular physiology Endocrine physiology Sexual physiology and physiology of pregnancy Kidney physiology Acid-base balance Somatic nervous system	16
Microbiology	MCB214	Introduction to microbiology for the health sciences	16
Microbiology	MCB224	Pathogenic micro organisms	16
Computer literacy	BRS111	Basic computer literacy	4
Computer literacy	RIS121	Advanced computer practice	4
Writer's course	SPRESK	Writer's course	4

Should students wish to enrol for modules not listed under elective modules, permission must be obtained from the Head of the School of Nursing.

R80(d) applies to VRT 702.

A student may register for VRT 702 only on the recommendation of the Head of the School.

Reg. VGH5.12 Equivalent codes

Modules followed in the advanced diplomas in 1999 to 2001 are equivalent to the following modules in 2002:

Advanced diploma 2002 modules	Codes	Advanced diploma 1999-2001 modules	Codes
Ethos and professional practice	PPV122	Ethos and professional practice	PPV120
Health care and the law	GRV122	Health care and the law	GRV120
Research	REV114	Research	REV110
Educational psychology	OSV114	Educational psychology	OSV110
Sociology	SOS164	Sociology	SOS165
Nursing education management	OBV113	Nursing education management	OBV110
Nursing education I	VOV115	Nursing education	VOV110
Nursing education II	VOV125	Nursing education	VOV120
Nursing education practical	OVP104	Nursing education practical	OVP100
Health care management I	GSB113	Health care management	GSB110
Health care management II	GSB126	Health care management	GSB120
Health care management III	GSB136	Health care management	GSB130
Health care management practical	GBP105	Health care management practical	GBP100
Occupational health nursing I	NGV115	Occupational health nursing	NGV110
Occupational health nursing II	NGV125	Occupational health nursing	NGV120
Occupational health nursing practical	NGP105	Occupational health nursing practical	NGP100
Basic midwifery I	VEV115	Basic midwifery	VEV110

Advanced diploma 2002 modules	Codes	Advanced diploma 1999-2001 modules	Codes
Basic midwifery II	VEV125	Basic midwifery	VEV120
Basic midwifery practical	BEP105	Basic midwifery practical	BEP105
Forensic nursing I	FOV115	Forensic nursing	FOV110
Forensic nursing II	FOV125	Forensic nursing	FOV120
Forensic nursing practical	EOP105	Forensic nursing practical	EOP105
Community nursing I	GMV115	Community nursing	GMV110
Community nursing II	GMV125	Community nursing	GMV120
Community nursing practical	GMP105	Community nursing practical	GMP100
Gerontological nursing I	GEV115	Gerontological nursing	GEV110
Gerontological nursing II	GEV125	Gerontological nursing	GEV120
Gerontological nursing practical	GRP105	Gerontological nursing practical	GRP100
Advanced midwifery and neonatology I	GVV115	Advanced midwifery and neonatology	GVV110
Advanced midwifery and neonatology II	VNV125	Advanced midwifery and neonatology	VNV120
Advanced midwifery and neonatology practical	GVP105	Advanced midwifery and neonatology practical	GVP100
Child psychiatric nursing I	KPV115	Child psychiatric nursing	KPV110
Child psychiatric nursing II	KPV125	Child psychiatric nursing	KPV120
Child psychiatric nursing practical	KPP105	Child psychiatric nursing practical	KPP100
Paediatric nursing I	KDV115	Paediatric nursing	KDV110
Paediatric nursing II	KDV125	Paediatric nursing	KDV120
Paediatric nursing practical	KDP105	Paediatric nursing practical	KDP100
Critical care nursing (general) I	KSV115	Critical care nursing (general)	KSV110
Critical care nursing (general) II	KSV125	Critical care nursing (general)	KSV120
Critical care nursing (general) practical	KSP105	Critical care nursing (general) practical	KSP100
Medical and surgical nursing I	MCV115	Medical and surgical nursing	MCV110
Medical and surgical nursing II	MCV125	Medical and surgical nursing	MCV120
Medical and surgical nursing practical	MCP105	Medical and surgical nursing practical	MCP100
Operating theatre nursing I	TNV115	Operating theatre nursing	TNV110
Operating theatre nursing II	TNV125	Operating theatre nursing	TNV120
Operating theatre nursing practical	TNP105	Operating theatre nursing practical	TNP100
Primary clinical care nursing I	PKG115	Primary clinical care nursing	PKG110
Primary clinical care nursing II	PKG125	Primary clinical care nursing	PKG120
Primary clinical care nursing practical	PKP105	Primary clinical care nursing practical	PKP100
Psychiatric nursing I	PSV115	Psychiatric nursing	PSV110
Psychiatric nursing II	PSV125	Psychiatric nursing	PSV120
Psychiatric nursing practical	PVP105	Psychiatric nursing practical	PVP100

Modules followed in the advanced diplomas in 2003 are equivalent to the following modules in 2004:

Advanced University Diploma 2003 modules	Codes	Advanced University Diploma 2004 modules	Codes
Pharmacology I	FAV113	Pharmacology I	FRM116
Health care and the law	GRV123	Health care and the law	GRV122
Occupational health nursing I	NGV116	Occupational health nursing I	NGV115
Occupational health nursing II	NGV126	Occupational health nursing II	NGV125
Basic midwifery I	VEV116	Basic midwifery I	VEV115
Basic midwifery II	VEV126	Basic midwifery II	VEV125
Forensic nursing I	FOV116	Forensic nursing I	FOV115
Forensic nursing II	FOV126	Forensic nursing II	FOV125
Community nursing I	GMV116	Community nursing I	GMV115
Community nursing II	GMV126	Community nursing II	GMV125
Gerontological nursing I	GEV116	Gerontological nursing I	GEV115
Gerontological nursing II	GEV126	Gerontological nursing II	GEV125
Advanced midwifery and neonatology I	GVV116	Advanced midwifery and neonatology I	GVV115
Advanced midwifery and neonatology II	VNV126	Advanced midwifery and neonatology II	VNV125
Child psychiatric nursing I	KPV116	Child psychiatric nursing I	KPV115
Child psychiatric nursing II	KPV126	Child psychiatric nursing II	KPV125
Paediatric nursing I	KDV116	Paediatric nursing I	KDV115
Paediatric nursing II	KDV126	Paediatric nursing II	KDV125
Critical care nursing I (general)	KSV116	Critical care nursing I (general)	KSV115
Critical care nursing II (general)	KSV126	Critical care nursing II (general)	KSV125
Medical and surgical nursing I	MCV116	Medical and surgical nursing I	MCV115
Medical and surgical nursing II	MCV126	Medical and surgical nursing II	MCV125
Operating theatre nursing I	TNV116	Operating theatre nursing I	TNV115
Operating theatre nursing II	TNV126	Operating theatre nursing II	TNV125
Orthopaedic nursing I	OTV116	Orthopaedic nursing I	OTV115
Orthopaedic nursing II	OTV126	Orthopaedic nursing II	OTV125
Primary clinical health care I	PKG116	Primary clinical health care I	PKG115
Primary clinical health care II	PKG126	Primary clinical health care II	PKG125
Psychiatric nursing I	PSV116	Psychiatric nursing I	PSV115
Psychiatric nursing II	PSV126	Psychiatric nursing II	PSV125
Trauma and emergency nursing I	TAV116	Trauma and emergency nursing I	TAV115
Trauma and emergency nursing II	TAV126	Trauma and emergency nursing II	TAV125

Elective modules followed in the advanced university diplomas in 2005 are equivalent to the following modules in 2006:

Advanced university diploma 2005 module	Codes	Advanced university diploma 2006 module	Codes
Trauma and emergency nursing practical	TAV105	Trauma and emergency nursing practical	TAP115 and TAP125

Elective modules followed in the advanced university diplomas in 1999-2008 are equivalent to the following modules in 2009:

Advanced university diploma (1999-2008 modules)	Codes	Advanced university diploma 2009 modules	Codes
Nursing education	VOV115 (20C)	Nursing education	VOV116 (24C)
Nursing education	VOV125 (20C)	Nursing education	VOV126 (24C)
Nursing education practical	OVP104 (16C)	Nursing education practical	OVP105 (20C)

Reg. VGH5.13 Learning contents

The themes of modules and the range of question papers and credits are set out in Table 4.

TABLE 4: Themes of modules and range of examination papers and credits

MODULES AND PAPERS	UNITS		CREDITS
Basic midwifery VEV116 One three-hour paper	Unit	1 History of midwifery Current trends in midwifery Readiness for parenthood (4) 2 Applied anatomy and physiology Midwifery management and care in normal pregnancy Normal delivery Normal puerperium and neonatology Health education and antenatal preparation Maternal care and immunisation Breast feeding Family planning (20)	24
Basic midwifery VEV126 One three-hour paper	Unit	1 Midwifery management and care in high risk pregnancy High risk deliveries High risk puerperium (12) 2 Midwifery management and care of the neonate at risk (12)	24
Occupational health nursing NGV116 One three-hour paper	Unit	1 National, regional and local occupational health profile (4) 2 Industrial hygiene (16) 3 Legislation (4)	24
Occupational health nursing NGV126 One three-hour paper	Unit	1 Modalities of occupational health nursing	24
Ethos and professional practice PPV 122 One two-hour paper	Unit	1 Nursing as a profession 2 Nursing theories 3 Ethics and nursing 4 Influence of contemporary issues on the nursing profession	8
Pharmacology FAV113 One three-hour paper	Unit	1 Introduction to pharmacology (4) 2 Drug types (8)	12

MODULES AND PAPERS	UNITS			CREDITS
Forensic nursing FOV116 One three-hour paper	Unit	1 2 3 4	Introduction to forensic nursing (4) Physical assault (4) Sexual assault nursing care (10) Child abuse (6)	24
Forensic nursing FOV126 One three-hour paper	Unit	1 2 3 4	Legal aspects and gathering evidence (6) Offenders (8) Living forensic nursing (8) Post mortems (2)	24
Health care management GSB113 One three-hour paper	Unit	1 2	The health care system in South Africa (4) Management and management skills as a phenomenon in health care service delivery (8)	12
Health care management GSB126 One three-hour paper	Unit	1 2	Human resource management for health care service delivery (20) Research and health care management (4)	24
Health care management GSB136 One three-hour paper	Unit	1 2 3	Public health care management (4) Financial management in the public and private health care sectors (8) Health care management for health care service delivery (12)	24
Health care and the law GRV123 One two-hour paper	Unit	1	SA legal system Legal and ethical guidelines Different forms of responsibility Informed consent Legal and ethical aspects in practice	12
Community nursing GMV116 One three-hour paper	Unit	1 2 3	Processes of community nursing (8) Community care (community profile, demography, epidemiology, environmental health) (8) Community health (community participation, education, home visits, family dynamics) (8)	24
Community nursing GMV126 One three-hour paper	Unit	1 2 3	Family care (birth to old age) (12) Communicable diseases and reproductive care (8) Occupational health (4)	24
Gerontological nursing GEV116 One three-hour paper	Unit	1 2 3	Demography of the elderly population and ageing process (8) Psychosocial aspects of ageing (8) Gerontological nursing skills (8)	24
Gerontological nursing GEV126 One three-hour paper	Unit	1 2 3	Gerontological services in SA and elsewhere (8) Rehabilitation and home care; nutrition (8) Aetiology of gerontological disorders, diagnostic and treatment methods (8)	24
Advanced midwifery and neonatology GVV116 One three-hour paper	Unit	1 2 3	Reproductive health care (8) Maternal and family health care during pregnancy, labour, puerperium and the neonate (12) Role of advanced midwife (4)	24

MODULES AND PAPERS	UNITS		CREDITS
Advanced midwifery and neonatology VNV126 One three-hour paper	Unit	1 High risk midwifery (12) 2 High risk neonatology (8) 3 Safe motherhood (4)	24
Introduction to HIV and Aids health care IVV112 One two-hour paper	Unit	1 Introduction to HIV and Aids health care	8
Child psychiatric nursing KPV116 One three-hour paper	Unit	1 Common psychiatric disorders that apply to children (8) 2 Genetics and child psychiatric disorders (8) 3 Psychiatric assessment of children and their families Appropriate developmental theories (8)	24
Child psychiatric nursing KPV126 One three-hour paper	Unit	1 Treatment modalities	24
Paediatric nursing KDV116 One three-hour paper	Unit	1 General development of the child; development, function and pathophysiology of the body systems of the child (16) 2 Assessment of the health status of a child; maintenance of the health of the child (4) 3 Developmental problems and their treatment (4)	24
Paediatric nursing KDV126 One three-hour paper	Unit	1 Paediatric nursing care in short and long term hospitalisation (16) 2 Community paediatric nursing care (8)	24
Critical care (general) KSV116 One three-hour paper	Unit	1 Fundamental critical care (8) 2 Respiratory nursing care (8) 3 Cardiovascular and thoracic nursing care (8)	24
Critical care (general) KSV126 One three-hour paper	Unit	1 Neurological and neurosurgical nursing care (8) 2 Surgical nursing care (8) 3 Nephrological and endocrinological nursing care (8)	24
Medical/surgical nursing MCV116 One three-hour paper	Unit	1 Surgical and medical nursing modalities (12) 2 Medical and surgical nursing care of patients with diseases of the cardiovascular and respiratory systems (12)	24
Medical/surgical nursing MCV126 One three-hour paper	Unit	1 Medical and surgical nursing care of patients with diseases of the endocrine and metabolic, neurological, gastrointestinal and genito-urinary systems	24

MODULES AND PAPERS	UNITS		CREDITS
HIV and Aids health care VIV118 Two two-hour papers	Unit	1 Introduction to HIV and Aids health care (12) <ul style="list-style-type: none"> • History of Aids • Global epidemiological patterns • Immune system • Routes of transmission • Diagnosis of HIV and Aids • Counselling • Stages of HIV infection • Progression of HIV • Introduction to treatment (10) 2 Applied ethical issues (10)	32
HIV and Aids health care VIV128 Two two-hour papers	Unit	1 HIV and Aids treatment <ul style="list-style-type: none"> • Adult • Pregnant woman • Child 	32
Research REV114 One three-hour paper	Unit	1 Introduction to nursing research (4) 2 Research process (12)	16
Operating theatre nursing TNV116 One three-hour paper	Unit	1 Peri-operative nursing care (8) 2 Asepsis and infection control in the operating theatre (8) 3 Positioning the patient in the operating theatre Wound healing and haemostasis Specialised instruments Specialised diagnostic procedures (8)	24
Operating theatre nursing TNV126 One three-hour paper	Unit	1 General surgical procedures (8) 2 Urological, gynaecological, ophthalmological, ear, nose and throat surgery (8) 3 Neurosurgery, thoracic, mouth and jaw, plastic and reconstructive, and orthopaedic surgery (8)	24
Educational psychology OSV114 Formative assessment	Unit	1 Styles of learning (4) 2 Pedagogic problem areas (4) 3 Adolescence (4) 4 Motivation, interest and attention (4)	16
Orthopaedic nursing OTV116 One three-hour paper	Unit	1 Arthritis and other rheumatoid disorders (8) 2 Tuberculosis Bone infections Bone necrosis (4) 3 Metabolic and endocrine disorders with regard to Orthopaedics (4) 4 Dysplasia Tumours Amputations Neurovascular disorders Peripheral vascular disorders (4) 5 Orthopaedic nursing skills (4)	24

MODULES AND PAPERS	UNITS		CREDITS
Orthopaedic nursing OTV126 One three-hour paper	Unit	1 Orthopaedic disorders of various areas of the body (8) 2 Trauma with regard to orthopaedics (8) 3 Injuries of the upper and lower limbs, neck and back (8)	24
Primary clinical health care PKG116 One three-hour paper	Unit	1 Screening, principles of clinical diagnosis and treatment (12) 2 Aetiology, pathology, diagnosis and treatment/referral, and prevention and rehabilitation of common diseases (all age groups) (12)	24
Primary clinical health care PKG126 One three-hour paper	Unit	1 Aetiology, pathology, diagnosis and treatment/referral, and prevention of common minor ailments (all age groups) (12) 2 Primary mother and child care (8) 3 Emergency treatment (4)	24
Psychiatric nursing PSV116 One three-hour paper	Unit	1 Psychiatric nursing skills (8) Nursing care of adults with the following specific disorders: 2 Psychoses (8) 3 Anxiety disorders (4) 4 Mood disorders (4)	24
Psychiatric nursing PSV126 One three-hour paper	Unit	1 The nursing care of adults with the following specific disorders: delirium, dementia and other cognitive disorders, eating disorders, sexual disorders, personality disorders, substance abuse (12) 2 The nursing care of persons with mental disability (8) 3 The nursing care of children with psychiatric disorders (4)	24
Sociology SOS164 Formative assessment	Unit	1 Introduction to labour relations: environmental factors that play a role in industrial relations 2 Participants in the South African labour relations system 3 Features of the South African labour market 4 Labour relations in the workplace 5 Collective bargaining and the rights of the worker 6 Industrial democracy and worker participation 7 Industrial action	16

MODULES AND PAPERS	UNITS		CREDITS
Trauma and emergency nursing TAV116 One three-hour paper	Unit	1 Initial assessment and management (8) 2 Airway and ventilation (4) 3 Shock (4) 4 Thorax and abdominal trauma (8)	24
Trauma and emergency nursing TAV126 One three-hour paper	Unit	1 Head injuries (8) 2 Spinal cord trauma (4) 3 Musculoskeletal trauma (4) 4 Burns (4) 5 Special considerations in trauma (4)	24
Nursing education VOV116 One three-hour paper	Unit	1 Education legislation and outcome based education (5) 2 Curriculum/programme development - Context: situation analysis (3) - Foundation: mission and vision (2) - Macro and micro development (4) 3 Teaching models, methods, techniques and approaches (5) 4 Learner centred teaching, methods and teaching media (5)	24
Nursing education VOV126 One three-hour paper	Unit	1 Outcomes based education (4) - Clinical teaching (4) - Learner assessment (4) - Clinical assessment (4) 2 Teaching management (2) 3 Quality assurance in higher education (4) 4 Programme evaluation (2)	24

Curriculum: Year one and two:

Three modules on compulsory themes:

HPE601	Introduction to health professions education and training	20 credits
HPE602	Health professions education and training: teaching, learning and assessment in the pre-clinical, clinical and internship years	20 credits
HPE603	Introduction to research in health professions	20 credits

Three modules on optional (elective) themes:

HPE604	Concepts of learning in health sciences	20 credits
HPE605	Community service learning, interdisciplinary education and primary health care	20 credits
HPE606	Programme development, design and assessment for health professions education and training	20 credits
HPE607	The development of professional skills in the health professions	20 credits
HPE608	Management in health professions education and health care institutions	20 credits
HPE609	Quality assurance in health professions education	20 credits

Reg. GBO1.4 **General**

The module work commences as determined by the Programme Director. A module comprises scheduled contact time, followed by directed self-study.

Reg. GBO1.5 **Assessment**

1. Competency will be proved by demonstration of stated outcomes to comply with standards set by the University and the Faculty. Efficiency and effectiveness in the achievement of stated outcomes and general performance as health sciences educator, teacher and researcher will be assessed. Students will be required to offer proof of competency through various means, including portfolios, discussions, assignments, practical demonstrations and reflective papers (e.g. manuscripts for publication) which describe and comment on health professions education. Skills will be assessed in real settings.
2. Assessments in the programme will be based on an integrated and continuous assessment approach.
3. Assessments in modules will be through negotiated or contracted work related to the students' own positions/role in health sciences education. This may include components of peer assessment.
4. A module credit system applies, and where applicable the end assessment will comprise a written and/or oral assessment, and a research script or dissertation.

Reg. GBO1.6 Promotion and distinctions

Students who have obtained an average module mark of 65% or more may be promoted without having to sit for the assessments. Such students, however, will be allowed to take the assessment should they wish to do so with the aim of improving their marks/obtaining a distinction.

The postgraduate diploma is awarded with distinction if the candidate obtains a final average mark of 75% for the modules taken and passed at the first opportunity the student are assessed.

MAGISTER IN HEALTH PROFESSIONS EDUCATION IN THE SPECIALIST PROGRAMME FOR HEALTH PROFESSIONS EDUCATION	240 Credits
M. Health Professions Education	Study code: 8702

Reg. GBO2. REGULATIONS FOR THE DEGREE MAGISTER IN HEALTH PROFESSIONS EDUCATION IN THE SPECIALIST PROGRAMME FOR HEALTH PROFESSIONS EDUCATION

Students must comply with both the stipulations of the General Regulations for master's degrees and the regulations of the Faculty of Health Sciences.

Reg. GBO2.1 Admission requirements

To be allowed to register for the degree M.Health Professions Education, a student must be in possession of:

- (a) A vocational diploma or a baccalaureus degree in a health sciences profession; or
- (b) A three-year degree plus one year postgraduate education; or
- (c) A four-year qualification.

The following requirements are necessary:

- (i) A candidate must work as a health professional, health care educator, researcher, or administrator; or
- (ii) A candidate must have at least one year experience in health sciences education and training; or
- (iii) A candidate must register as a full-time student in the Health Professions programme; or
- (iv) Admission must be recommended by the head of the applicable school in the Faculty of Health Sciences of the UFS, or the Head of the Division Health Sciences Education.

Applicable prior learning and experience will be recognised when admission is sought. Credits gained in prior learning programmes may be recognised, depending on the contents of such programmes. The decision of the Head of the Division Health Sciences Education is final.

Applications must be handed in before the end of August in the year prior of the studies to be undertaken.

Reg. GBO2.2 Duration of programme

The programme extends over one or two years (**240 credits**) depending on the modules offered in a particular year.

Reg. GBO2.3 Curriculum

Two options to choose from:

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|---------------|--|-------------|
| (a) Option A: | Module work (120 credits) plus a script (HPE794)
Study code: 8737 | 120 credits |
| (b) Option B: | Dissertation (HPE793)
Study code: 8736 | 240 credits |

Option A: Year 1:

Three modules on compulsory themes:

HPE701	Introduction to health professions education and training	20 credits
HPE702	Health professions education and training: teaching, learning and assessment in the pre-clinical, clinical and internship years	20 credits
HPE703	Introduction to research in health professions	20 credits

Three modules on optional (elective) themes:

HPE704	Concepts of learning in health sciences	20 credits
HPE705	Community service learning, inter-disciplinary education and primary health care	20 credits
HPE706	Programme development, design and assessment for health professions education and training	20 credits
HPE707	The development of professional skills in the health professions	20 credits
HPE708	Management in health professions education and health care institutions	20 credits
HPE709	Quality assurance in health professions education	20 credits

Option A: Year 2:

HPE794	Research project and script Study code: 8737	120 credits
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Reg. GBO2.4 General: Option A

The module work commences as determined by the Programme Head. A module comprises scheduled contact time, followed by directed self-study.

Reg. GBO2.5 Assessment

1. Competency will be proved by demonstration of stated outcomes to comply with standards set by the University and the Faculty. Efficiency and effectiveness in the achievement of stated outcomes and general performance as health sciences educator, teacher and researcher will be assessed. Students will be required to offer proof of competency through various means, including portfolios, discussions, assignments, practical demonstrations and reflective papers (e.g. manuscripts for publication) which describe and comment on Health Professions Education. Skills will be assessed in real settings. The script/dissertation will be assessed in accordance with the General Regulations of the University in this regard.
2. Assessments in the programme will be based on an integrated and continuous assessment approach.
3. Assessments in modules will be through negotiated or contracted work related to the students' own positions/ role in health sciences education. This may include components of peer-assessment.
4. A module credit system applies, and where applicable the end assessment will comprise a written and/or oral assessment, and a research script or dissertation.

Reg. GBO2.6 Promotion and distinctions

Students who have obtained an average module mark of 65% or more may be promoted without having to sit for the assessments. Such students, however, will be allowed to take the assessment should they wish to do so with the aim of improving their marks/obtaining a distinction.

The master's degree is awarded with distinction if the candidate obtains a final average mark of 75% for the script and combined modules, respectively. A final average mark of 75% is required for a distinction in the dissertation option.

PHILOSOPHIAE DOCTOR (HEALTH PROFESSIONS EDUCATION)	360 Credits
Ph.D. (Health Professions Education)	Study code: 8951

Reg. GBO3 REGULATIONS FOR THE DEGREE PHILOSOPHIAE DOCTOR (HEALTH PROFESSIONS EDUCATION)

Reg. GBO3.1 Admission requirements

The General Requirements for doctor's degrees apply *mutatis mutandis*.

To be admitted to the programme candidates must be in possession of:

- (a) A master's degree in Health Professions Education; or
- (b) A master's degree in a health sciences profession, or an equivalent qualification / level 7 of the National Qualifications Framework (NQF), plus an educational qualification; or
- (c) A master's degree in any health sciences discipline plus an educational qualification, or a similar master's degree plus an educational qualification; or
- (d) A master's and/or doctor's degree and/or equivalent qualification in a scientific field which is applicable to the Ph.D. discipline.

A candidate must work as a health professional, be in a post as health sciences educator/researcher, work in a health care or health sciences education institution, or as a health care/health education official, or have at least one year's experience in health sciences education and training. Prior learning and experience will be assessed if (d) is applicable, with proof of 12 credits (120 notional hours) obtained in credit bearing short modules and/or scientific contributions in the field of education.

A candidate in possession of a doctor's degree plus an educational qualification will be admitted directly.

Reg. GBO3.2 Thesis - HPE 900

- (a) A faculty committee will assess the proposed project. The title of the thesis will only be submitted to the Faculty Board only on the recommendation of the committee.
- (b) On completion of the research or at a time fixed by the promoter, the candidate must submit the research results in the form of a thesis.

Reg. GBO3.3 Assessment

Assessment and moderation of the thesis will be done according to institutional requirements and guidelines for doctoral thesis. The thesis will have to satisfy national and international norms of the highest level, as assessed by authorities in the field of health professions education, training and research and/or related fields.

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