

THE UNIVERSITY OF THE FREE STATE

FACULTY OF HEALTH SCIENCES

YEARBOOK

POSTGRADUATE DEGREES AND DIPLOMAS

2010



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ACADEMIC STAFF

** DENOTES HEADS OF DEPARTMENTS / PROGRAMMES*

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Prof GJ van Zyl

VICE DEAN:

Vacant

DIVISION HEALTH SCIENCES EDUCATION

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SCHOOL FOR ALLIED HEALTH PROFESSIONS

HEAD: Dr S van Vuuren

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*Prof A Venter, Prof SC Brown, Prof BB Hoek, Prof DK Stones, Dr AD Bruwer, Dr DG Buys, Dr JC Cronje, Dr JP du Plessis, Dr DJ Griessel, Dr U Hallbauer, Dr BD Henderson, Dr AE Kappos, Dr WF Karshagen, Dr L Keet, Dr J Kriel, Dr K Rautenbach, Dr A Nel, Dr L Solomon, Dr A van der Byl, Dr AE van der Vyver, Dr NE Tabane, Dr M Saleem, Dr JP Jooste, Dr M Nhlapo

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PSYCHIATRY

*Prof PJ Pretorius, Prof FJW Calitz, Dr M du Toit, Dr TE Kathunzi, Dr W Meintjes, Dr H Mngomezulu, Dr G Moroe, Dr RJ Nichol, Dr LM van der Merwe, Dr S Maduna, Dr HSC Pieterse-Kruger

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SURGERY

*Prof RS du Toit, Prof R Barry, Prof EJ Theron, Dr RG Botha, Dr PJ de Bruyn, Dr CE Esterhuizen, Dr SM le Grange, Dr CA Loubser, Dr E Mafana, Dr AMH Pretorius, Dr SJA Smit, Dr CG Troskie, Dr J Vermaak

UROLOGY

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SCHOOL OF NURSING

HEAD: Prof AS van der Merwe

Dr DE Botha, Prof Y Botma, Ms EE Bekker, Mrs JC de Villiers, Prof A Joubert, Mrs M Lesia, Mrs RM Mpeli, Prof M Mulder, Dr M Myburgh, Mrs MMJ Philipps, Mrs M Reid, Dr L Roets, Ms EC Roos, Prof RH van den Berg, Dr WJC van Rhyn, Dr I Venter

DEFINITIONS

To ensure clarity and uniform interpretation, the meanings of the terms used in the Regulations of the Faculty are defined as follows:

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 draws up the questions and marks the assessment scripts, or who assesses performance in oral assessments and/or practical assessments.

Assessment

This is the process whereby the competency level of students is determined and should be performed through a variety of assessment methods, over a period of time and in a variety of contexts.

Assessment period

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

Additional modules

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

Combined mark

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

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 overall process of assessment in a module and refers to progress-based assessment by means of a variety of assessment methods.

Curriculum

A curriculum consists of a specific selection of related modules from various disciplines, in which students must achieve the stated learning outcomes within a specified period and the said modules form part of the learning programme.

Discipline

A specialised and defined field of study.

End-assessment (summative assessment):

End-assessment is summative in nature and directed 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.

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.

External assessor

A person who is not in the permanent employ of the University but who assesses assessment scripts or who assesses oral assessments and/or practical assessments. (In the case of re-assessment of assessment scripts, this person acts as an arbitrator.)

External assessment

The term external assessment refers to external examining and/or external moderation and/or external assessment of standards, and should occur at least every five years.

External moderator

A person who is not in the permanent employ of the University and who ensures that assessment is performed in accordance with stipulated learning outcomes and who has to establish whether the required level of competence has been achieved.

Failed module

A failed module is a module in which the student has failed.

Final mark

The combined mark when the module mark and the assessment mark are added, and then rounded off to a full percentage point.

Half-year mark

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

Internal moderator

A person who is in the permanent employ of the University and who ensures that assessment is performed in accordance with stipulated learning outcomes and who has to establish whether the required level of competence has been achieved.

Learning outcomes

A learning outcome refers to the contextually demonstrated end product of the learning process. An exit-level outcome refers to an outcome that must be achieved by the qualifying student at the stage when he or she exits from the learning programme and is then awarded the qualification concerned. 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; moreover, students may 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.

Mini-dissertation

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

Module

A module is a coherent, self-contained learning unit, which has been designed to achieve a specific set of learning outcomes. In a modular degree structure, a module has a standard size, and assigned weighting and level in the learning programme. A module may take on a fundamental, core and elective function in a learning programme.

Module mark

The calculated mark, rounded off to a full percentage point, for a student's written, oral and/or practical work in a particular module, and calculated in accordance with the stipulations in the study guide for the relevant module.

Notional learning hours

Notional learning hours denote an informed estimate of the average learning time that an average student will devote to achieving the expected learning outcome(s). Such learning time includes contact time, practical work, independent and supervised study as well as the time required for assessment. One credit equals ten notional hours.

Occasional student

A student who complies with the admission requirements of the University and who enrolls for modules forming part of approved qualifications, but who does not register for the full qualification.

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.

Programme

A programme refers to the overall focus of the various learning programmes that constitute the programme. A programme is the academic particularisation of one or more of the strategic focuses of the UFS.

Qualification

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

Recipients of certificates and diplomas/graduates

A student who complies with the minimum requirements of the particular qualification and where, after assessment, it is certified that the student has achieved the required level of competence for the said qualification.

Registration

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

Semester guide

A guide that organises certain aspects with regard to 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 of a student's written, oral and/or practical work during the semester in a particular module, rounded off to a full percentage point and calculated in accordance with the stipulations of the faculty concerned.

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 the said Act, published with the approval of the Minister of Education.

Syllabus

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

Year mark

The calculated average of a student's written, oral and/or practical work during the year in a particular module, rounded off to a full percentage point, 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 period	Code
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Magister Degrees:

Magister in Occupational Therapy.....	M.Occupational Therapy..	2 yrs.....	8770
Magister Scientiae 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 Scientiae in Nutrition (Structured)	M.(Nutrition).....	2 yrs.....	8786
Magister Scientiae in Physiotherapy.....	M.Sc.(Physiotherapy)	2 yrs.....	8720
Magister in Optometry.....	M.Optom.	2 yrs.....	8701

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 O.T.	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:

Tertiary Education Diploma in Physiotherapy.....		2 yrs.....	8210
Diploma in Therapeutic Radiography		18 months....	8010
Postgraduate Diploma in Optometry.....		1 yr.....	8201

SCHOOL OF MEDICINE

Degree	Abbreviation	Minimum duration	Code
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Honours Degrees:

Baccalaureus in Medical Sciences			
Honores.....	B.Med.Sc.Hons.	1 yr.....	8510
..... Anatomical Pathology.....		1 yr.....	8531
..... Anatomy and Cell Morphology		1 yr.....	8530
..... Bio-engineering		1 yr.....	8532
..... Chemical Pathology		1 yr.....	8533
..... Human Genetics.....		1 yr.....	8540
..... Haematology and Cell Biology		1 yr.....	8537
..... Immunology		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
..... Human Molecular Biology		1 yr.....	8541

Master's Degree:

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 Family Medicine	M.Fam.Med.	3 yrs.....	8750
Magister in Medicine (Family Medicine)	M Med (Fam).....	4 yrs.....	8753
Magister in Community Health.....	M.Med.(C.H.).....	4 yrs.....	8730
Magister in Medical Clinical Sciences 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 Endocrinology	Post-Gr.Dipl. Endocrinology (Int.Med.)	2 yrs.....	8204
Postgraduate Diploma in Gastroenterology	Post-Gr.Dipl. Gastroenterology (Int.Med.) .	2 yrs.....	8205
Postgraduate Diploma in Geriatric Medicine	Post-Gr.Dipl. Geriatric Medicine (Int.Med.)	2 yrs.....	8206
Postgraduate Diploma in Nephrology.....	Post-Gr.Dipl. Nephrology (Int.Med.).....	2 yrs.....	8207
Postgraduate Diploma in Pulmonology	Post-Gr.Dipl. Pulmonology (Int.Med.)	2 yrs.....	8208
Postgraduate Diploma in Clinical Haematology	Post-Gr.Dipl. Haematology	2 yrs.....	8209
Postgraduate Diploma in Gen. Interventional Radiology	Post-Gr.Dipl. Gen.Intervent Radiol.....	1 yr.....	8211
Postgraduate Diploma in Medical Physics	Post-Gr.Dipl. Medical Physics.....	2 yrs.....	8213
Postgraduate Diploma in Clinical Pharmacology	Post-Gr.Dipl. Clin. Pharmacol.	1 yr.....	8212
Postgraduate Diploma in Transfusion Medicine.....	Post-Gr.Dipl. Trans.Med.....	2 yr.....	8223
Advanced Diploma in Radiography (Diagnostic)	(A.D.R.D.)	1 yr.....	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	(A.D.S.M.)	2 yrs.....	8240

SCHOOL OF NURSING

Degree	Abbreviation	Minimum duration	Code
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Advanced Degree:

Baccalaureus of Advanced Nursing	B.Adv.Nur.	4 yrs.....	2540
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Master's Degree:

Magister in Social Sciences in Nursing (dissertation).....	M.Soc.Sc.(Nurs.).....	2 yrs.....	2720
Magister in Social Sciences in Nursing (course work).....	M.Soc.Sc.(Nurs.).....	2 yrs.....	2721

Doctor's Degree:

Philosophiae Doctor.....	Ph.D.		8960
Doctor Societatis Scientiae (Nursing).....	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

Degree	Abbreviation	Minimum Duration	Code
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Diplomas:

Postgraduate Diploma in Health Professions Education		1 yr.....	8202
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Magister Degrees:

Magister in Health Professions Education	M.(Health Professions Education)	2 yrs.....	8702
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Doctor's Degrees:

Philosophiae Doctor (Health Professions Education).....	Ph.D.(Health Professions Education)	2 yrs.....	8951
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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@mail.uovs.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
M.Occupational Therapy

240 Credits
Study code 8770

Reg. AGB1: REGULATIONS FOR THE DEGREE MAGISTER IN OCCUPATIONAL THERAPY

Reg. AGB1.1: 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.

Explanation

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 Senate;
- (b) 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) Have at least one year clinical experience in the field where the student will do the research in; and
- (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 a student must 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.

Note: Admission is subject to selection.

Reg. AGB1.2: Duration of the Degree programme

The programme extends over a minimum period of 2 years.

Reg. AGB1.3: Curriculum

ABT700 (240C) Dissertation

Reg. AGB1.4: Pass requirements

- (a) According to the regulations 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. AGB1.5: 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 study leader(s), the dissertation will be examined by the external examiner(s).

Re-assessment

See General Regulations.

Reg. AGB2.4: Assessment

Program A (Dissertation):

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions.
- (b) The title of the dissertation will be submitted to the Faculty Board only on the recommendation of the Faculty Management.
- (c) After completion of the dissertation and on recommendation of the study leader(s) will the dissertation be externally examined.

Program B (Structured):

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions.
- (b) The title of the extended script will be submitted to the Faculty Management only on the recommendation of the Day Management.
- (c) After completion of the extended script and on recommendation of the study leader(s) will the script be externally examined.
- (d) Each of the four modules (120 credits) will be evaluated externally and by means of written assessments during June and November assessment opportunities.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

MAGISTER IN NUTRITION**M. Nutrition****Dissertation
Structured****240 Credits****Study code 8781****Study code 8786**

Reg. AGB3: REGULATIONS FOR THE DEGREE MAGISTER IN NUTRITION**Reg. AGB3.1: Admission requirements**

A student may enrol for the M. (Nutrition) programme if he/she:

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

Admission is subject to selection.

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

Reg. AGB3.2: Duration of the Degree Programme

The programme extends over a minimum period of two years.

Reg. AGB3.3: Curriculum**Dissertation (Program A): 240 credits**

Dissertation VDG700 (240C)

Structured (Program B): 240 credits

Extended script VDG 791 (120 credits)

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

Modules (Compulsory)

Research Methods VDG 714 (16 credits)

Evidence based nutrition VDG 719 (40 credits)

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

Community Nutrition (a & b)* GVD 728/748 (32 credits x 2)

Sports Nutrition (a & b)* VDG 728/748 (32 credits x 2)

Nutrition (a & b)* VDG 728/748 (32 credits x 2)

* Choice of module themes in consultation with study leader.

Reg. AGB3.4: Assessment**Program A (Dissertation):**

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions.

- (b) The title of the dissertation will be submitted to the Faculty Board only on the recommendation of the Faculty Management.
- (c) After completion the dissertation will be externally examined on the recommendation of the study leader(s).

Program B (Structured):

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions.
- (b) The title of the extended script will be submitted to the Faculty Management only on the recommendation of the Day Management.
- (c) After completion of the extended script and on recommendation of the study leader(s) will the script be externally examined.
- (d) Each of the four modules (120 credits) will be evaluated externally and by means of written assessments during June and November assessment opportunities.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

Reg. AGB4.1: REGULATIONS FOR THE DEGREE MAGISTER SCIENTIAE IN PHYSIOTHERAPY

Reg. AGB4.1.1: 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 or a qualification deemed equivalent by the Senate.
- (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. AGB4.1.2: Duration of the degree 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; and
- (d) Complete a mini-dissertation on an approved subject after having passed the relevant assessments.

Reg. AGB4.1.3: Curriculum

FST701 (32C)	Anatomy (Physiotherapy)
FST702 (32C)	Physiology (Physiotherapy)
FST703 (32C)	Medical Physics (Physiotherapy)
FST704 (124C)	Research and extended script
FST705 (20C)	Research methodology (Physiotherapy)

A student will only be allowed to offer FST 704 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) An extended script approved by the Department of Physiotherapy.

Reg. AGB4.1.4: Assessment

A student must pass the modules FST701, FST702 and FST703 at the end of the first year of study.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

ACTIVATION OF DORMANT DEGREE COURSES

MAGISTER SCIENTIAE (PHYSIOTHERAPY)
M. Sc (Physiotherapy)

240 Credits
Study code 8739

Reg. AGB4.2: REGULATIONS FOR THE DEGREE MAGISTER SCIENTIAE IN PHYSIOTHERAPY

Reg. AGB4.2.1: 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; or
- (b) Is in possession of a qualification deemed equivalent by the Senate, provided that additional requirements may apply in this case; and
- (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. AGB4.2.2: Duration of the Degree programme

The programme extends over a minimum period of two years.

Reg. AGB4.2.3: Curriculum

Dissertation **FST700 (240C)**

Reg. AGB4.2.4: 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.
- (c) After completion of the dissertation and on recommendation of the study leader(s) the dissertation will be submitted for external examination.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

**MAGISTER SCIENTIAE PHYSIOTHERAPY (CLINICAL SPORTS PHYSIOTHERAPY)
M. Sc. (Physiotherapy) (Clinical Sports Physiotherapy)**

**240 Credits
Study code 8743**

Reg. AGB4.3 REGULATIONS FOR THE DEGREE MAGISTER IN CLINICAL SPORTS PHYSIOTHERAPY

Reg. AGB4.3.1 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; or
- (b) Is in possession of a qualification deemed equivalent by the Senate, provided that additional requirements may apply in this case; and
- (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. AGB4.3.2 Duration

The programme extends over a minimum period of two years.

Reg. AGB4.3.3 Curriculum

- **Modules:**
 - Introduction to sports physiotherapy (20C)
 - Soft tissue injuries (20C)
 - The spine (20C)
 - The shoulder (20C)
 - The knee (20C)
 - The lower leg, ankle and foot (20C)
- **Clinical learning (40C)**
 - Clinical logbooks
 - Case portfolios
 - Patient presentations
 - Academic discussions
 - Elective period at recognised facilities
- **Research article (80C)**

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 	<ul style="list-style-type: none"> ○ Anatomy ○ Biomechanics 	<ul style="list-style-type: none"> ○ Anatomy ○ Biomechanics

<ul style="list-style-type: none"> ○ Exercise prescription ○ Introduction to sport psychology ○ Introduction to sports nutrition ○ Sport trauma, emergency sports medicine and on-field handling of sports injuries ○ Introduction to disabled sport 	<ul style="list-style-type: none"> ○ Detailed evaluation ○ Detailed rehabilitation ○ Common soft tissue injuries ○ Strapping/protective gear/protective measures ○ Clinical practice 	<ul style="list-style-type: none"> ○ Detailed evaluation ○ Detailed rehabilitation ○ Common injuries ○ Strapping/protective gear/protective measures ○ Sport-specific training/injuries ○ Clinical practice
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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. AGB4.3.4 General

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

Reg. AGB4.3.5 Assessment

- 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. Skills will be assessed in clinical settings.
- Assessment in the programme will follow an integrated and continuous approach.
- Assessment of practical work and elective periods will be in the field of Sports Physiotherapy. This will include peer assessment.
- A module end assessment will comprise a written and/or clinical examination.
- The research protocol must be evaluated by an evaluation committee of the SAHP.
- The research protocol must be approved by the Ethics Committee of the Faculty of Health Sciences.
- After completion of the research article and on recommendation of the study leader(s) the research article will be submitted for external examination.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

**Reg.AGB5: 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. AGB5.1: Admission requirements

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

- (a) A Baccalaureus degree or vocational diploma in Optometry, obtained after 2002.
or
- (b) A Baccalaureus degree or vocational diploma in Optometry obtained before 2002 plus recognised formal further learning and experience.

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.

Candidates must be in a post as a practising optometrist, or have at least one year experience as practising optometrist, and admission must be recommended by the Head of the Department, or the Head of this programme.

Admission will be subject to selection.

Reg. AGB5.2: Duration of degree programme

The programme extends over two years (260 credits).

After one year, and on successful completion of six modules and an assessment at the end of year one, candidates may be allowed to exit with a postgraduate diploma.

Reg. AGB5.3: Curriculum

Course work (160 credits) plus a script (100 credits)

Year 1: modules on compulsory themes:

- Treatment and management of ocular disease I OPM701
- Treatment and management of ocular disease II OPM702
- Introduction to research methodology OPM703
- Ocular disease clinic OPM704
- Ocular disease clinic OPM705
- Neuro-optometry OPM706

Year 2: Compulsory modules:

- Advanced research methodology OPM707
- Module on elective themes in optometry (choice of suitable themes) OPM708
- Research project and extended script OPM791

Reg. AGB5.4: Exit point

Candidates who have successfully completed the six modules of year one, may exit the programme by successfully completing the end of year one assessment. Successful candidates will exit the programme with a **Postgraduate Diploma in Optometry (degree code 8201)**.

Note: The regulation stipulating that candidates with an average module mark of 65% and more may be promoted does not apply in the case of candidates who wish to exit with a postgraduate diploma. Such candidates have to sit for the end of year one assessments, regardless whether their module average is 65% or higher.

Reg. AGB5.5: General

The course work commences on the second Wednesday of January. A module comprises scheduled contact time, followed by directed self-study.

Reg. AGB5.6: Assessments

1. 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 real settings. The script 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 Optometry. This may include components of peer assessment.
4. A module credit system applies, and where applicable, that is in cases where candidates have failed to obtain an average module mark of 65%, or where candidates wish to exit the programme with a postgraduate diploma in Optometry, the year one end assessment will comprise a written and/or oral assessment, whilst in year two the research script will be assessed.

Reg. AGB5.7: 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, except for candidates who wish to exit with a postgraduate diploma. Such students must sit for the exams. Candidates with an average module mark of 65% or more 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 of 75%, **and** a minimum of 70% in each of the modules as well as the script.

PROGRAMME FOR PROFESSIONAL OPTOMETRY
MAGISTER IN OPTOMETRY. (M. OPTOMETRY) with exit point after 120 credits:
 POSTGRADUATE DIPLOMA IN OPTOMETRY (POST-Gr. DIPL. OPTOMETRY)

Duration two years
 Exit point after 6 modules (1 year) -> Postgraduate diploma in Optometry
 Year 2: 3 Compulsory modules: Advanced Research Methodology,
 *elective themes and a research project
 Module = Contact sessions followed by directed self-study.

9 Modules -> Magister in Optometry
 Year 1: 6 Modules on compulsory themes
 Programme starts on 2nd Wednesday in January
 Assessment: End of first year of study:
 Formal written and/or oral examination.
 Continuing assessment throughout modules.
 End of second year script/thesis.

MODULE 1 COMPULSORY	MODULE 2 COMPULSORY	MODULE 3 COMPULSORY	MODULE 4 COMPULSORY	MODULE 5 COMPULSORY	MODULE 6 COMPULSORY
TREATMENT AND MANAGEMENT OF OCULAR DISEASE I OPM701 (20C)	TREATMENT AND MANAGEMENT OF OCULAR DISEASE II OPM702 (20C)	INTRODUCTION TO RESEARCH METHODOLOGY OPM703 (20C)	OCULAR DISEASE CLINIC OPM704 (20C)	OCULAR DISEASE CLINIC OPM705 (20C)	NEURO- OPTOMETRY OPM706 (20C)
MODULE 7 COMPULSORY		MODULE 8 COMPULSORY	MODULE 9 COMPULSORY		
ADVANCED RESEARCH METHODOLOGY OPM 707(20C)		ELECTIVE THEMES OPM7708 (20C)	RESEARCH PROJECT OPM791 (100C)		

Exit
 Postgraduate
 Diploma
 in Optometry

Magister in
 Optometry

Master Degree	260 Credits	Postgraduate diploma:	120 Credits
Credits per module:	20: OPM 701-708	Credits Research project	100: OPM 791

YEAR 1
 YEAR 2

PHILOSOPHIAE DOCTOR
Ph.D.

240 Credits
Study code 8950

**Reg. AGB6 REGULATIONS FOR THE DEGREE PHILOSOPHIAE DOCTOR IN
THE SCHOOL FOR ALLIED HEALTH PROFESSIONS****Reg. AGB6.1 Admission requirements**

The General Regulations in respect of Doctoral 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 Senate.

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

Ph.D. in	:	Dietetics	Study code: 8955	(240C)
		Nutrition	Study code: 8952	(240C)
		Physiotherapy	Study code: 8954	(240C)
		Occupational Therapy	Study code: 8953	(240C)

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.
- (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/her research results to the committee. The committee's recommendations will serve as guidelines for the promoter and the student.

Module code: 901

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

DOCTOR SCIENTIAE
D.Sc.

240 Credits
Study code 8940

Reg. AGB7 REGULATIONS FOR THE DEGREE DOCTOR SCIENTIAE

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

For more detail, see YEARBOOK GENERAL (Postgraduate degrees and diplomas).

Module code: 900

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

Reg. AGB8 REGULATIONS FOR THE TERTIARY DIPLOMA IN EDUCATION IN PHYSIOTHERAPY**Reg. AGB8.1 Admission requirements**

- (a) Only a student who is in possession of a qualification in Physiotherapy, who is registered with the Health Professions Council of South Africa (HPCSA), and whose qualification is recognised by the University as sufficient training for admission, will be admitted to study for the Tertiary Education Diploma in Physiotherapy.
- (b) The candidate must be approved by the Executive Committee of the department.
- (c) A student who offered English as a first language in the matriculation assessment need not offer English (ENS112, 132, 122 and 142).

Reg. AGB8.2 Duration of the diploma programme

Training extends over a minimum period of two years.

Reg. AGB8.3 Curriculum

AFR112 (8C), AFR132 (8C)	Afrikaans
AFR122 (8C), AFR142 (8C)	Afrikaans
HOF526 (32C)	Instruction in Higher and Continuing Education
ENS112 (8C), ENS132 (8C), ENS122 (8C), ENS142 (8C)	English
FFA604 (32C)	Philosophy of Andragogy for Physiotherapy Lecturers
MFT608 (32C)	Discipline Didactics in Physiotherapy

Year mark/semester mark

See General Regulations.

Pass requirements

See General Regulations.

Re-assessment

See General Regulations.

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

**BACCALAUREUS IN MEDICAL SCIENCES HONORES
B.Med.Sc.Hons.**

**Minimum 120 Credits
Study code 8510**

**Reg. GH9 REGULATIONS FOR THE DEGREE BACCALAUREUS IN
MEDICAL SCIENCES HONORES****Reg. GH9.1 Admission requirements**

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

At registration for the module B.Med.Sc.Hons, any student is required to register with the Health Professions Council of South Africa as intern medical scientists 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. GH9.2 Duration of the module and disciplines

If the module is offered in Anatomy, Pharmacology, 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:

a. Anatomical Pathology

Study code 8531**(i) Prerequisites**

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.

Practical

One oral assessment.

(iv) Pass requirements

See General Regulations.

b. Anatomy and Cell Morphology**Study code 8530**

(i) Prerequisites

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 as well as Histology. It is expected of the student to select and present at least two of these four topics.

(ii) Curriculum

- | | | |
|----|--------|----------------|
| 1. | ANA601 | Capita Selecta |
| 2. | ANA602 | Capita Selecta |
| 3. | ANA603 | Capita Selecta |
| 4. | ANA604 | Capita Selecta |

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

d. Chemical Pathology**Study code 8533**

(i) Prerequisites

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
Two three-hour assessment papers.
One practical assessment.
One oral assessment.
One thesis.

(iv) Pass requirements

See General Regulations.

e Pharmacology (Analytical/Clinical)

Study code 8534**(i) Prerequisites**

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

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 hrs each)	25%
(ii) Applied Pharmacology (at least 2 tests of 2 hrs each)	10%
(iii) Research Methods (at least 4 tests of 2 hrs each)	25%
(iv) Mini-dissertation (script) (including responding to scrutiny by an external assessor)	40%

(iv) Pass requirements

See General Regulations.

f. Medical Physics

Study code 8535**(i) Admission requirements**

A student must have achieved an average mark of at least 60% in Physics on third year level or an average mark of at least 60% in Radiation Sciences on third year level to qualify for admission to the Honours degree. Students will be subjected to selection. The Head of the Department may grant permission for admission to the Honours degree in exceptional cases. The programme commences mid January and students must apply for admission with the Head of the Department before 30 September of the previous year.

(ii) Curriculum

<u>Module</u>	<u>Credits</u>
BFK614 - Radiation Physics	16
BFK634 - Radiation Protection	16
BFK624 - Medical Physics for Diagnostic Radiology	16
BFK644 - Medical Physics for Nuclear Medicine	16
BFK664 - Radiation Treatment Planning	16
BFK684 - Radiation Treatment Modalities	16

FSK601 - Quantum Mechanics	16
FSK606 - Semiconductors	16
FSK611 - Electronics	16
WTW614 - Digital Image Processing	16

Duration of the course

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

(iii) 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 contribute 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.

(iv) 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

(v) Pass requirements

The general regulations apply

(vi) Re-evaluation

The general regulations apply.

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) will have to gain practical experience in Clinical Medical Physics as prescribed by the 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 Health Professions Council of South Africa (HPCSA) can take place.

g. Medical Physiology

Study code 8536

(i) Prerequisites

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

(ii) Curriculum

- FFG601 General Physiology
- FFG602 Capita Selecta from the discipline Physiology
- FFG603 Seminars on Physiology
- FFG691 A practical laboratory assignment with a report **or** a seminar on the theory of specific biological laboratory techniques.

(iii) Assessment

Part I

FFG601

The basic aspects of the entire field of study or as defined by the Head of the 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 the Department briefs the student regarding assignments.
- (b) A typed report and/or seminars must be submitted to the Head of the Department at least one month prior to the assessment.

(iv) Pass requirements

See General Regulation.

h. Haematology and Cell Biology

Study code 8537

(i) Prerequisites

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

(ii) Curriculum

HEM601	Erythrocyte and leukocyte defects and assessments
HEM602	Haemostasis
HEM603	Immunohaematology and haemolytic anaemia
HEM604	Haematology project

Syllabus

- (a) Basic research principles.
- (b) Submission of a thesis in consultation with the Head of the 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 and
One oral assessment per semester.

(iv) Pass requirements

See General Regulations.

i. Immunology

Study code 8538

(i) Prerequisites

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

(ii) Curriculum

IMN601	Immunohaematology
IMN602	Humeral and Cellular Immunology
IMN603	Laboratory and Clinical Immunology
IMN604	Immunology project

Syllabus

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

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

- (i) **Prerequisites**
- (a) A B.Med.Sc./B.Sc.-degree with Microbiology as major discipline, where a minimum mark of 60% on third year level was obtained, is required; a minimum mark of 60% in the second major discipline will be to the advantage of prospective applicants.
 - (b) A maximum number of four students per year will be selected for admission to MKM601 based on undergraduate academic achievement and after a personal interview with the Head of the Department and staff involved with the presentation of the module.

- (ii) **Curriculum**
- (a) Selected lectures, practical sessions and discussions on medical bacteriology, virology and immunology, including antimicrobial therapy and basic microbiology where applicable.
 - (b) Diagnostic Medical Microbiology (including laboratory practice and administration as well as laboratory aspects of antimicrobial therapy).
 - (c) Research-directed lectures and practical sessions in molecular biology, the genetic basis of bacterial resistance against antimicrobes, public health and nutrition, water and environmental microbiology and mechanisms of pathogenicity.
 - (d) Practical project and seminar disciplines.

- (iii) **Assessment**
MKM601
Assessment paper I: 3 hours
Assessment paper II: 2 hours
Oral presentation of practical project.

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

k. Human Genetics **Study code 8540**

- (i) **Prerequisites**
- (a) B.Sc. or B.Med.Sc.-degree with appropriate curriculum composition
 - (b) An average of at least 60% is required in each major third year discipline.
 - (c) Admission to the module 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
MNG602	modules 1,2,3,6 and 7
MNG603	module 9

(iv) Assessment (MNG601, MNG602 and MNG603)

Two written papers (MNG601 and MNG602)
Research project, seminar and oral assessment (MNG603)

(v) Pass requirements

- (a) Except where a sub-minimum in specific disciplines has been approved by the Senate, the pass mark for the degree B.Med.Sc.Hons. is an average assessment mark of 50% in all the question papers.
- (b) The degree B.Med.Sc.Hons. will be awarded with distinction to students obtaining an average mark of at least 75%.

I. Human Molecular Biology

Study code 8541

(i) Requirements

- (a) B.Med.Sc., B.Sc. or equivalent qualification with an applicable curriculum.
- (b) Admission is subject to selection and the applicant must contact the subject head of Human Molecular Biology.
- (c) 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 3 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

		Credits
MBG601	Research Techniques	16
MGB602	Research: Literature study	24
MBG603	Research Project	32

Modules of choice

MBG604	Diagnostic molecular biology	16
MBG605	Applications of molecular biology in immunology	16
MBH606	Applications of molecular biology in haemostasis	16
MBG607	Capita Selecta	16
MBG608	Capita Selecta	16

(iii) Assessment (MBG601-605)

- (a) MBG601 is assessed through an oral examination.
- (b) MBG602 and MGB603 are assessed by a written scientific paper as well as an oral presentation.
- (c) MBG604, MBG605 and MBG606 are assessed by written assignments and practical as required as well as a 3 hour examination paper.
- (d) MBG607 and MBG608 are assessed according to the individual stipulations of the module.

(iv) Pass requirements

See General Regulations.

Reg GH10: REGULATIONS FOR MAGISTER 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.

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 Post Graduate Administration Office of the Faculty.

Reg. GH10.1: Disciplines

The degree may be obtained in the following disciplines: Anaesthesiology, Anatomical Pathology, Cardiothoracic Surgery, Chemical Pathology, Clinical Pathology, Dermatology, Diagnostic Radiology, Forensic Medicine, Haematology, Internal Medicine, Medical Genetics, Medical Microbiology, Nuclear Medicine, Neurology, Neurosurgery, Obstetrics and Gynaecology, Radiation Oncology, Ophthalmology, Orthopaedic Surgery, Otorhinolaryngology, Plastic Surgery, Psychiatry, Surgery, Paediatrics, Urology and Medical Virology.

Remark

Regulations for the degrees Magister in Medicine (Family Medicine) and Magister in Medicine (Community Health) are respectively set forth under Reg.GH14 and Reg.GH15.

Reg. GH10.2: Admission requirements

Before a student may register for the M.Med. 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 three years, or a qualification deemed equivalent by the University; and
- (b) 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.
- (c) In the case of disciplines where training extends over a period of five years full-time, except Forensic Medicine and Clinical Pathology, a student registers with the University as a postgraduate student in the first year of the M.Med. programme and is simultaneously appointed as Medical Officer in a relevant department at the Academic Hospital Complex.

Elucidation

- (i) At the end of the first year of study (five-year programmes, excluding Forensic Medicine and Clinical Pathology) and if Part 1 of the assessment has been successfully completed, the student could apply for appointment as a Registrar. If successful, a post number of the Health Professions Council is allocated to him/her. From this date his/her training period of four years (concerning the professional council) will commence. After this, the student must register as Registrar with the Health Professions Council of South Africa annually at the beginning of each year.

- (ii) 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. GH10.3: 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. GH10.4.

The maximum admissible period of exemption is 12 months.

Reg. GH10.4: Duration of the Degree 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 GH 10.6).
- (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 the Department.

Elucidation

- (i) Special merit refers to periods of training extending over a period of at least 12 months and for at least six months continuously in an accredited institution, division or department. The said 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 the Department where the experience was gained. The above information must then be evaluated by the Head of the 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.
- (c) In exceptional cases, part-time study will be permitted, taking into account the duration of the programme.
 - (d) 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. GH10.5: Clinical experience

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

M.Med. Programmes extending over four years

For M.Med. programmes extending over a four year training period a student must first be appointed as Registrar by the province before he/she may register as student. M.Med. programmes extending over a four year training period are calculated from the day of registration as student at the University and as soon as an approved HPCSA board number has been allocated to the student in a Registrar post.

M.Med. programmes extending over five years

Students in the M.Med. programmes extending over five years may register as occasional students during their first study year while appointed in a Medical Officer post. The training period at the HPCSA is calculated from the day of appointment as Registrar and registration as full student at the University and as soon as an approved HPCSA board number has been allocated to the student. To obtain an M.Med. degree in this category a person must be registered at the UFS as student for five years.

Reg. GH10.6: Curricula

The curricula for the various disciplines in which the student may obtain the degree M.Med. comprise the compulsory modules mentioned in Reg. GH10.6.1., as well as the relevant major subject, basic subjects and subsidiary subjects as set forth in Reg. GH10.6.2.

Reg. GH10.6.1 General curriculum compulsory for all disciplines

A. Research component 76 Credits

The research component of the M.Med. programme comprises two sections namely Research Methodology and Comprehensive mini-dissertation (Research report):

NAM702 Research

- (i) Module NAM702 extends over the full course of the M.Med. programme.
- (ii) Students must register for module NAM702 annually.

(A) Research methodology

Elucidation

- (i) A minimum attendance rate of 80% is required.
- (ii) In order to be admitted to section B (Comprehensive mini-dissertation [Research report]) a student must have shown satisfactory attendance/progress in section A (Research Methodology).

(B) Comprehensive mini-dissertation (Research report)

Elucidation

- (i) The comprehensive mini-dissertation could include one of the following:

- I. A full research project.
 - II. A critical academic analysis of at least five peer-evaluated publications or a meta-analysis.
 - III. An in-depth literature-supported review of one or more clinical cases.
- (ii) Disciplines individually determine which of the above choices are appropriate.

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.
- (iii) Subjects such as medical ethics, communication, practice management, information systems and relevant policy could be included in the syllabus.
- (iv) GPV703 will be offered in the first 24 months after registration as a student and must include ethics (two sessions), communication and practice management.

Reg GH10.6.2 Discipline-specific curricula

The curricula of the various disciplines in which the M.Med. could be obtained comprise the compulsory modules mentioned in Reg. GH10.6.1. as well as the relevant major subject, basic subjects and subsidiary subjects as set forth in Reg. GH10.6.2.

The syllabi of each discipline are compiled 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.

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

Part I:	Basic Subjects:	ANP701	Anatomical Pathology Approved facet of facets of CEP701, HEM701, MKM701, VIR701 en ANP701 (See Reg. GH10.7.1)	120 credits
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	ANP890	Anatomical Pathology	284 credits
		NAM702	B) 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 the Department(s) concerned.

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

(b) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	ANS890	Anaesthesiology Portfolio	204 credits
		NAM702	B) 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 (NAM702 B in terms of Reg. GH10.6.1).
As alternative to the choices stated in Reg. GH10.6.1., an article that has 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 Comprehensive mini-dissertation 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 NAM702 A Research Methodology and GPV703, as well as other assignments.
- (ii) Continuous evaluation will count 30% of the final assessment
- (iii) Additional curricula information is available at the Department of Anaesthesiology and <http://www.uovs.ac.za/faculties/index.php?FCODE=08&DCODE=019>
- (iv) The 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.

Residency (RES): Four years.

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

Part I:	Basic subjects:	CEP701	Chemical Pathology Approved facet or facets of CEP701, HEM701, MKM701, VIR701 and ANP701 (See Reg. GH10.7.1)	120 credits
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	CEP890	Chemical Pathology	284 credits
		NAM702	B) Comprehensive mini-dissertation	64 credits

Elucidation

- i) Part II of the examination may only be written after completion of the Comprehensive mini-dissertation (NAM702 B)
- 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 the Department(s) concerned.

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

(d) 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:	NAM702	A) Research Methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	NAM702	B) 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.

Residency (RES): Five years.

(e) 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
		NAM702	A) 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	B) Comprehensive mini-dissertation	64 credits

Elucidation

- (i) Part I of the College of Dermatology of South Africa is recognised as equivalent to the M.Med. Part I
- (ii) Part 2 of the College of Dermatology of South Africa (FCDerm) is recognised as equivalent to 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 2 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.

(f) Diagnostic Radiology – M.Med.(D.Rad.) **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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	DIR890	Diagnostic Radiology	192 credits
		NAM702	B) 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.

Residency (RES): Five years.

(g) 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
		NAM702	A) 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	B) Comprehensive mini-dissertation	64 credits

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

Elucidation

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

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

Part I:	Basic subjects:	HEM701	Approved facet or facets of	
			CEP701, HEM701, MKM701,	
			VIR701 and ANP701	
			(See Reg.GH10.7.1)	120 credits
	NAM702	A) Research methodology	12 credits	
	GPV703	Health Care Practice	Attendance	
Part II:	Major subject:	HEM890	Haematology	284 credits
		NAM702	B) Comprehensive	
			mini-dissertation	64 credits

Elucidation

i) Successful completion of the modules in Research Methodology (NAM702 A) and Health Care Practice (NGPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702 B) are prerequisite for conferment of the degree (also See Reg. GH10.6.1).

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.

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

(i) 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
	NAM702	A) Research methodology	12 credits	
	GPV703	Health Care Practice	Attendance	
Part II:	Major subject:	ING890	Principles and practice of	
			Internal Medicine	284 credits
		NAM702	B) Comprehensive	
		mini-dissertation	64credits	

Elucidation

- (i) The sequence of the residency periods will be determined after consultation with the Head of the 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) 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 the Department.
- (vii) The Comprehensive mini-dissertation must ideally be submitted 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. 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, at least two of which must be in General Internal Medicine

(j) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	KTC890	Cardiothoracic Surgery	192 credits
		NAM702	B) Comprehensive mini-dissertation	64 credits

Elucidation

- (i) 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.
- (ii) Continuous evaluation will count 30% of the final assessment.

Residency (RES): Five years.

(k) 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
		BF1700	Basic Physics and Instrumentation	60 credits
Part II:	Subsidiary subject:	RFM800	Radio-pharmacy	90 credits
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	KKR890	Clinical Nuclear Medicine	134 credits
		NAM702	B) Comprehensive mini-dissertation	64 credits

Residency (RES): Four years.

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

Subjects:	CEP700	Chemical Pathology	175 credits
	HEM700	Haematology	175 credits
	MKM700	Microbiology	175 credits
	NAM702	A) Research methodology	12 credits
	GPV703	Health Care Practice	Attendance
	NAM702	B) Comprehensive mini-dissertation	64 credits

A residency period of at least 18 months and an assessment of each of the disciplines are required. The duration of the residency period in the discipline where the research project is performed is 24 months.

Elucidation

The successful completion of modules in Research Methodology (NAM702 A) and Health Care Practice (GPV703) as well as the completion of a Comprehensive mini-dissertation (NAM702 B) is a prerequisite for the conferment of the degree (See Reg. GH10.6.1 as well).

Residency (RES): Five years.

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

Part I:	Basic subjects:	MKM701	* Approved facet or facets of CEP701, HEM701, MKM701 and VIR701 (See Reg.GH10.7.1)	120 credits
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance

* One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.

Part II:	Major subject:	MKM890	Microbiology	284 credits
		NAM702	B) Comprehensive mini-dissertation	64 credits

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 (NAM702 A) and Health Care Practice (GPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702 B) is a prerequisite for the conferment of the degree (See Reg. GH10.6.1 as well).
- (iii) The subject for the Comprehensive mini-dissertation will be determined in consultation with the Head of the 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

Residency (RES): Four years, at least three of which must be in Medical Microbiology, during which adequate experience in related aspects of medical virology, molecular biology and immunology must be gained.

(n) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	NEU890	Neurosurgery	192 credits
		NAM702	B) 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. GH10.6.1).
- (ii) A candidate is afforded only two opportunities for Part I 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.

(o) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	NER890	Neurology	284 credits
		NAM702	B) Comprehensive mini-dissertation	64credits

Elucidation

- (i) The curriculum for Part I and II is determined by the Head of the 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 the Department, could in addition serve as pass requirements 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 Comprehensive mini-dissertation (NAM702 B, Reg. GH10.6.1).
- (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. GH10.3), or certification by the Head of the Department of such experience.

(p) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	OBG890	Obstetrics and Gynaecology	344 credits
		NAM702	B) 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.
- iii) 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 FFM 700) 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 (OBG 800) must be passed within 36 months after commencement of the residency.
- v) OBG 800 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 I assessment.
- vii) Part III of the assessment must be completed in the final year of residency.
- viii) Part II of the assessment of the COGSA is recognised as equivalent to the M.Med.(O. et G.) Part III (OBG 890). Candidates may exercise a choice in this regard.
- 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 on own research.
- x) To complete the M.Med.(O. et G.) Part III successfully (OBG 890) the clinical part of the examination must be passed.
- xi) Continuous evaluation will count 30% of the final assessment.

Residency (RES): Five years

(q) Ophthalmology - M.Med.(Ophth.)				Study code 8721
				480 Credits

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

Elucidation

- (i) An externally evaluated comprehensive mini-dissertation (NAM702 B) 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 Colleges of Medicine of South Africa 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.

(r) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	ORT890	Orthopaedics	192 credits
		NAM702	B) Comprehensive mini-dissertation	64 credits

Elucidation

- (i) Continuous evaluation of theoretical knowledge and practical skills will be done by the Department of Orthopaedic Surgery. Completion of Part III of the assessment is subject to these evaluations and the results could contribute to the final assessment mark at the discretion of the Head of the Department and the external examiner.
- (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 B) is compulsory and is evaluated externally. This could comprise any of the choices stated in Reg. GH10.6.1, 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.

(s) 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
		NAM702 A) Research methodology	12 credits
		GPV703 Health Care Practice	Attendance
Part II:	Major subject:	OTO890 Otorhinolaryngology	224 credits
		NAM702 B) Comprehensive mini-dissertation	64 credits

Elucidation

- (i) An acceptable comprehensive mini-dissertation in terms of Reg. GH10.6.1 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) Exemption from the M.Med.(Orl.) Part I on the basis of successful completion of the College of Medicine Part I does not apply.

Residency (RES): Four years.

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

Part I:	Basic Sciences:	PED800	Paediatrics	180 credits
		NAM702	A) 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 parasitology, 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.

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

Elucidation

- (i) The compulsory general modules in Health Practice (GPV700), Research Methodology (NAM702 A) and the Comprehensive mini-dissertation (NAM702 B) must be completed in terms of Reg. GH10.6. before Part II can be written.
- (ii) PED890 involves the principles and practice of paediatrics and child health.

Residency (RES): Four years.

(u) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance

Part III:	Major subject:	PUP890	Plastic Surgery	192 credits
		NAM702	B) Comprehensive mini-dissertation	64 credits

Residency (RES): Five years.

(v) 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
		NAM702 A) Research methodology	12 credits
		GPV703 Health Care Practice	Attendance
Part III:	Major subject:	PSG890 Psychiatry	134 credits
		NAM702 B) 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) 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 departmental 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; and
 - 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 the Department.

Residency (RES): Four years.

(w) 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
		NAM702 A) Research methodology	12 credits
		GPV703 Health Care Practice	Attendance

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

Elucidation

- (i) A Comprehensive mini-dissertation (NAM702 B) 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.

(x) 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
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part III:	Major subject:	URL890	Urology	192 credits
		NAM702	B) 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 the surgical procedures performed or assisted are recorded. This logbook is handed in before Part III of the assessment and 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 the Department.

Residency (RES): Five years.

(y) 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	
			Approved facet or facets of CEP701, HEM701, MKM701, VIR701 and ANP701 (See Reg.GH10.7 1(e))	120 credits
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance

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

Part II:	Major subject:	VIR890	Virology	284 credits
		NAM702	B) 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 (NAM702 A) and Health Care Practice (GPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702 B) are prerequisite for the conferment of the degree (also see Reg. GH10.6.1.).
- (iii) The topic for the Comprehensive mini-dissertation will be determined in consultation with the Head of the Department.

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

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

Part I:	Basic sciences:	MGN800	Medical Genetics (basic sciences)	142 credits
		SIL709	Psychology (counselling skills)	60 credits
		NAM702	A) Research methodology	12 credits
		GPV703	Health Care Practice	Attendance
Part II:	Major subject:	MGN890	Medical Genetics (clinical applications)	202 credits
		NAM702	B) Comprehensive mini-dissertation	64 credits

Elucidation:

- (i) The curriculum for Part I and II is determined by the head of the programme 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 head of the programme, could in addition serve as pass requirements of Part I and/or 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 research report (NAM702, Reg. GH10.6.1). 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 and 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. GH10.3).

Residency (RES): Four years.

Reg. GH10.7: Assessment

1. Part I of the assessment

- (a) The examination may be written in June or November, only during the first examination opportunity.
- (b) Students must notify the Postgraduate Administration Office of the Faculty in writing annually before 1 March or 1 August of their intention to sit for the June or November assessment.
- (c) The assessment in Anatomy, Physiology and Anatomic Pathology (where applicable) comprises a written and oral examination in each of the stated subjects.
- (d) 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.
- (e) M.Med. (Chem.Pat.), (Med. Microb.), (Haemat.), (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 the Department (module codes CEP701, HEM701, MKM701, VIR701 and ANP701).

- (f) 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 (except disciplines Surgery, Cardiothoracic Surgery, Neurosurgery, Obstetrics and Gynaecology, Plastic Surgery and Urology).
- (g) 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.
- (h) 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. If a student fails said assessment, he/she will only be allowed to continue with the course on the recommendation of the head of the department. If he/she does not pass after six months, he/she cannot proceed with the programme.
- (i) 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 the Department.
- (j) 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 the Department.
- (k) 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.
- (l) 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.
- (m) M.Med.(Derm.): Part 1 of the College of Dermatology of South Africa is recognised as equivalent for the M.Med. Part I.
- (n) No student will be permitted to write Part II while still registered as an occasional student and/or 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 College of Medicine of South Africa.
- (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 College of Medicine of South Africa as an equivalent examination.

- (iii) Exemption from basic subjects may be granted on the recommendation of the head of the department, after being satisfied that the student has passed an equivalent assessment at an institution recognised by the University.

2. Part II of the assessment

- (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. With the exception of Surgery, Diagnostic Radiology, Forensic Medicine, Cardiothoracic Surgery, 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.
- (b) M.Med. in Surgery, Cardiothoracic Surgery, Neurosurgery, Orthopaedic Surgery, Otorhinolaryngology and Plastic Surgery: a Student must pass Part II (subsidiary subjects) as a whole within 18 months of having passed Part I (includes reassessment).
- (c) M.Med. (Rad. D.): Examination must be written in Pathology (PAT800) before five semesters after registration for the degree.
- (d) 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.
- (e) M.Med. (Chem.Path.), (Microb.Path.), (Haemat.), (Anat.Path.) and (Virol.Path.): Part II of the assessment may be written after a minimum of three academic years of study.
- (f) M.Med.(Anaes.): Part II of the assessment may only be written three years after commencement of the module and having passed Part I. The degree is conferred discipline to: passing the major discipline (ANS890); three months' residency in a Critical Care Unit; the submission of a portfolio as set out in Reg. GH11.6.2(b). The final examination, comprehensive mini-dissertation and aspects of continuous evaluation are assessed by the external examiner(s).
- (g) 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.
- (h) 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.
- (i) 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 Colleges of Medicine of South Africa 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 Colleges of Medicine of South Africa and provided that the research component (NAM702 B) 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 approval.
- (j) 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 II will be permitted.
- (k) M.Med. (Derm.): Part 2 of the College of Dermatology of South Africa (FCDerm) is recognised as equivalent 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 2 will only be granted after successful completion of PLH890.

3. Part III of the assessment

In the case of five-year degree programmes, Part III of the examination may not be written before the end of the fourth year of study, except with the permission of the head of the department. At least 12 months must elapse after Part II has been successfully completed. A student for the degree M.Med. (Rad.D.) must write the assessment in the major subject (DIR890) at the end of the fourth year of study (and not earlier).

4. Continuous evaluation

Elucidation:

Continuous evaluation with appropriate feedback is done throughout the course of the training. External evaluation could be involved. This could contribute to 40% of the final combined mark of the major subject.

5. External evaluation

Elucidation:

External evaluation must occur at least once during continuous evaluation, as well as during the final assessment.

Reg. GH10.8: 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 subjects.

Reg. GH10.9: 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. GH10.10: Extension of the study period

A student who fails the final assessment of an 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 the Department may determine.

Elucidation:

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

Reg. GH10.11: 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 practical and clinical training for the prescribed duration of the degree programme;
- (c) Has attended the modules in both Research Methodology and Health Care Practice satisfactorily;
- (d) Has been registered with the University as a student for the degree M.Med. for the prescribed period; and
- (e) Has successfully completed the assessments, including the comprehensive mini-dissertation in accordance with the requirements of the relevant M.Med programme.

Reg. GH11 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. GH11.1 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., on the understanding that a student may be required to do supplementary work.
- (b) The degree M.B.,Ch.B. or an equivalent qualification, on 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 Senate, on the recommendation of the Faculty, grants special leave thereto.

Reg. GH11.2 Disciplines

The degree M.Med.Sc. may be offered in any of the following disciplines in the Faculty of Health Sciences, namely: Anatomy and Cell Morphology, Anatomical Pathology, Medical Physics, Chemical Pathology, Pharmacology, Medical Physiology, Human Genetics, Haematology and Cell Biology, Immunology, Cardiothoracic Surgery, Clinical Radiology, Critical Care, Medical Microbiology/Virology, Human Molecular Biology, Radiation Oncology.

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 Magister or with a dissertation.

Reg. GH11.3 Curriculum

a. Medical Physics**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.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

Clarifying information

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

Duration

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.

Clarifying information

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 contributes 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

The general regulations apply.

b. 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

Duration:

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

Pass requirements

See General Regulations.

c. Critical Care**Study code 8732**

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

Remark

- (a) A Faculty Committee will evaluate the project. The title of the script will 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.

Pass requirements

See General Regulations.

Reg. GH12 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. GH12.1 Admission requirements

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

- a) MB ChB or equivalent qualification.
- b) Full registration as a medical practitioner with the Health Professions Council of South Africa.

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

Reg. GH12.2 Duration

The programme extends over three years (300 credits)

Reg. GH12.3 Curriculum

Module work: 180 credits

Research (research project and module work): 120 credits

Year 1:

- Modules:
 - Research methodology (20 credits) Code: NAV 705
 - Basic Medical Sciences (20 credits) Code: BCS 705
 - Exercise physiology (20 credits) Code: EXP 705
- Clinical learning (20 credits) Code: CLL 705
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project (20 credits) Code: RPJ 791
 - Development of a research protocol

Year 2:

- Modules :
 - Cardiopulmonary system (8 credits) Code: CPS 704
 - Applied sports medicine (12 credits) Code: ASM 703
 - Clinical exercise medicine (8 credits) Code: EXM 703
 - Clinical sports medicine (12 credits) Code: CSP 703

- Clinical learning (20 credits) Code: CLL 705
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project (40 credits) Code: RPJ 791
 - Literature study and empirical research

Year 3:

- Modules:
 - Clinical sports medicine (12 credits) Code: CSM 703
 - Orthopaedic sports medicine (28 credits) Code: OSG 705
- Clinical learning: (20 credits) Code: CLL 705
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project: (40 credits) Code: RPJ 791
 - Writing and completion of research project

Reg. GH12.4 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. GH12.5 Assessments/Examination

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 competence 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 publishable 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 year 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. GH12.6 Promotion and distinctions

Students who have obtained an average mark of 65% or more in the first or second year may be promoted without having to sit for a formal examination. Students with an average module mark of 65% or more will be allowed to take the examination should they wish to

improve their marks or obtain a distinction. The Master's degree is awarded with distinction if the student obtains a final average of 75%, and a minimum of 70% in each of the modules over three years, and the research project.

M. SPORTS MEDICINE

UFS SCHOOL OF MEDICINE

Programme Planner: Dr L Holtzhausen

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

YEAR 3:

- CLINICAL LEARNING: 1 MODULE
- RESEARCH PROJECT:
 - FINAL RESEARCH PROJECT AND PUBLISHABLE ARTICLES
 - PRESENTATION OF RESEARCH
- SPORTS INJURIES
- ORTHOPAEDICS

CLINICAL LEARNING MODULES:

- CONTACT SESSIONS
- CASE STUDIES AND PRESENTATIONS
- CLINICAL SKILLS DEVELOPMENT

MODULES DIRECTED SELF STUDY FOLLOWED BY CONTACT SESSIONS

EVALUATION:

- END OF 1ST AND 2ND YEAR OF STUDY: FORMAL WRITTEN AND/OR ORAL EXAMINATION CONTINUING EVALUATION THROUGHOUT
 - TESTS
 - PATIENT PRESENTATIONS
 - CLINICAL LOGBOOK
 - ELECTIVE PERIODS
- 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: NAV 105 RESEARCH PROJECT 20C Code: RPJ 791	BASIC MEDICAL SCIENCES 20C Code: BCS 705 ♦ APPLIED ANATOMY ♦ EXERCISE BIOCHEM ♦ INTRO TO BIOMECHANICS	EXERCISE PHYSIOLOGY 20C Code: EXP 705 ♦ MUSCLE ♦ CVS ♦ RESPIRATORY	CLINICAL LEARNING 20C Code: CLL 705 ♦ PATIENT LOGBOOKS ♦ PATIENT PRESENTATIONS ♦ ACADEMIC DISCUSSIONS ♦ SASMA ATTENDANCE ♦ CLINICAL SKILLS UNIT ♦ EXAM TECHNIQUES
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100 CREDITS: MODULES: 48C RESEARCH: PROJECT: 40C CLINICAL LEARNING: 12C

2ND YEAR

MODULES:			
CARDIOPULMONARY SYSTEM 8C Code: CPS 704 ♦ CARDIOLOGY ♦ PULMONOLOGY	CLINICAL EXERCISE MEDICINE 8C Code: EXM 703 ♦ DERMATOLOGY ♦ ONCOLOGY ♦ OBS & GYNAE ♦ NEUROLOGY ♦ RHEUMATOLOGY ♦ PAEDIATRICS ♦ ENDOCRINOLOGY ♦ GASTROENTEROLOGY ♦ NEPHROLOGY	APPLIED SPORTS MEDICINE 12C Code: ASM 703 ♦ HAEMATOL & IMMUN ♦ FLUID BALANCE ♦ SPORTS NUTRITION ♦ PHARMACOLOGY & ERGOGENICS ♦ PRINCIPLES OF ORTHO REHAB ♦ PRINCIPLES OF EXERCISE PRESCRIPTION	CLINICAL SPORTS MEDICINE 12C Code: CSP 703 ♦ EMERGENCY SPORTS MEDICINE ♦ ELITE ATHLETE ♦ ENVIRONMENTAL SPORTS MEDICINE ♦ DIVING MEDICINE ♦ AVIATION MEDICINE ♦ PSYCHOLOGY ♦ MYOLOGY
RESEARCH PROJECT Code: RPJ 792 40C LITERATURE STUDY AND EMPIRICAL		CLINICAL LEARNING 20C Code: CLL 705	

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

3RD YEAR

MODULES:			
CLINICAL SPORTS MEDICINE 12C Code: CSM 703 ♦ INTRODUCTION ♦ PREVENTION ♦ RADIOLOGY ♦ PODIATRY	ORTHOPAEDIC SPORTS MEDICINE 28C Code: OSG 705 ♦ 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: RPJ 792	WRITING OF RESEARCH PROJECT/ARTICLES ORAL ASSESSMENT	CLINICAL LEARNING 20C Code: CLL 705	

Reg GH13 REGULATIONS FOR THE DEGREE MAGISTER IN FAMILY MEDICINE

Reg. GH13.1 Admission requirements

No new students will be permitted to register for the M.Fam.Med degree from 1 January 2007, as the M.Med.(Fam.) degree will then be offered in its place.

Reg. GH13.2: Duration of the Degree Programme

The Degree programme extends over six semesters, and is offered on a part-time basis.

Reg. GH13.3 Curriculum

(a) **Part I**

- BFM701 Applied Basic Medical Sciences (Family Medicine)
- KHA700 Clinical Family Medicine
- VKG700 Community Health
- PRV800 Practice management (Continuation)
- GEG890 Family Health (Continuation)
- SKR890 Dissertation (Continuation)

(b) **Part II**

- BFM702 Applied Basic Medical Sciences (Family Medicine)
- KHA800 Clinical Family Medicine
- PRV800 Practice Management
- GEG890 Family Health (Continuation)
- SKR890 Dissertation (Continuation)

(c) **Part III**

- KHA890 Clinical Family Medicine
- GEG890 Family Health

(d) **Dissertation**

- SKR890 Dissertation

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

Before being admitted to the final assessment for Part III, the student must submit a satisfactory dissertation on an approved discipline.

Reg. GH13.4 Assessment

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

The combinations for registration and the assessment programme may be altered with the approval of the head of the department.

Students who enrolled before M.Med.(Fam) was presented will be allowed to complete the degree programme as per regulation for Parts I, II and III.

Reg. GH13.5 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 final average percentage of 75% in the following disciplines:
 - KHA890 Clinical Family Medicine
 - GEG890 Family Health
 - PRV800 Practice Management
 - KHA800 Clinical Family Medicine
 - SKR890 Dissertation
- (c) Assessment in KHA890 comprises an OSCE, written paper and oral. Both the written paper and the OSCE must be passed individually in order to pass KHA 890.

Reg. GH13.6 Special assessment

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 January of the following year provided that not more than two disciplines were failed, in which case part I/II is to be repeated. Students who failed the assessment at the end of Part III will be allowed to write an assessment after six months. Students will only be allowed to repeat an assessment once. 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 the departments concerned. A student who failed to write an assessment does not qualify for a special assessment.

Reg GH14 REGULATIONS FOR MAGISTER IN MEDICINE (FAMILY MEDICINE)

Students who apply to be admitted for the degree are disciplined 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.

Reg. GH14.1 Admission Criteria

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; and
- (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.

Reg. GH14.2 Duration of the Degree Programme

The duration of training extends over four years of which a minimum of three years will be in an accredited Registrar post.

Reg. GH14.3 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;
- (c) Was registered as student at the University for the prescribed period; and
- (d) Successfully completed the prescribed University assessment – written, oral, logbooks, portfolios, practical and/or clinical – as prescribed.

Reg. GH14.4 Curriculum

(a) Elective modules

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

MAH890	Women's health
CNH890	Neonatal and child health care
PAL890	Palliative care
EME890	Accident and emergency care
CFM890	Clinical forensic medicine
PHC890	Primary health care including TB, STD and HIV

- SAC890 Procedural skills including surgery, anaesthesiology and medical procedures
 DIS890 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 (Continuation module)
 SKR891 (16C) Dissertation (Continuation)
 GEG891 (4C) Family health (Continuation)

Any three of the following elective modules:

- MAH891 (8C) Women's health (Continuation)
 CNH891 (8C) Neonatal and child health care (Continuation)
 PAL891 (8C) Palliative care (Continuation)
 EME891 (8C) Accident and emergency care (Continuation)
 CFM891 (8C) Clinical forensic medicine (Continuation)
 PHC891 (8C) Primary health care including TB, STD and HIV (Continuation)
 SAC891 (8C) Procedural skills including surgery, anaesthesiology and medical procedures (Continuation)
 DIS891 (8C) Dispensing (Continuation)

(c) Part II

- BFM702 (16C) Applied basic medical sciences (Family medicine)
 KHA800 (48C) Clinical family medicine
 PRV802 (12C) Managing medical practice
 SKR892 (16C) Dissertation (Continuation)
 GEG892 (4C) Family health (Continuation)

Plus:

The three elective modules in Part I

- MAH892 (8C) Women's health (Continuation)
 CNH892 (8C) Neonatal and child health care (Continuation)
 PAL892 (8C) Palliative care (Continuation)
 EME892 (8C) Accident and emergency care (Continuation)
 CFM892 (8C) Clinical forensic medicine (Continuation)
 PHC892 (8C) Primary health care including TB, STD and HIV (Continuation)
 SAC892 (8C) Procedural skills including surgery, anaesthesiology and medical procedures (Continuation)
 DIS892 (8C) Dispensing (Continuation)

(d) Part III

- KHA890 (48C) Clinical Family Medicine
 GEG893 (32C) Family Health
 SKR893 (16C) Dissertation (Continuation)

Plus:

The three elective modules in Part I

- MAH893 (8C) Women's health (Continuation)
 CNH893 (8C) Neonatal and child health care (Continuation)
 PAL893 (8C) Palliative care (Continuation)
 EME893 (8C) Accident and emergency care (Continuation)
 CFM893 (8C) Clinical forensic medicine (Continuation)
 PHC893 (8C) Primary health care including TB, STD and HIV (Continuation)

- SAC893 (8C) Procedural skills including surgery, anaesthesiology and medical procedures (Continuation)
- DIS893 (8C) Dispensing (Continuation)

(e) Part IV

SKR894 (48C) Dissertation

Plus:

The three elective modules in Part I

- MAH894 (24C) Women's health (Continuation)
- CNH894 (24C) Neonatal and child health care (Continuation)
- PAL894 (24C) Palliative care (Continuation)
- EME894 (24C) Accident and emergency care (Continuation)
- CFM894 (24C) Clinical forensic medicine (Continuation)
- PHC894 (24C) Primary health care including TB, STD and HIV (Continuation)
- SAC894 (24C) Procedural skills including surgery, anaesthesiology and medical procedures (Continuation)
- DIS894 (24C) Dispensing (Continuation)

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.

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

Reg. GH14.5 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 the Department.

Reg. GH14.6 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 final 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 Dissertation
- Plus any three of the following elective modules:**
- MAH891/892/893 Women's health
- CNH891/892/893 Neonatal and child health care
- PAL891/892/893 Palliative care
- EME891/892/893 Accident and emergency care
- CFM891/892/893 Clinical forensic medicine
- PHC891/892/893 Primary Health care including TB, STD and HIV

SAC891/892/893	Procedural skills including surgery, anaesthesiology and medical procedures
DIS891/892/893	Dispensing

- (c) Assessment in KHA890 comprises an OSCE, written paper and oral. Both the written paper and the OSCE must be passed individually in order to pass KHA 890.
- (d) Assessment of the elective modules comprise of written examinations, OSCE and continuous evaluation by means of logbooks, case studies and portfolios. The written examinations, OSCE and continuous evaluation must be passed individually in order to pass the elective modules.

Reg. GH14.7 Special assessment

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 January of the following year provided that not more than two disciplines were failed, in which case Part I/II is to be repeated. Students who failed the assessment at the end of Part III and Part IV will be allowed to write an assessment after six months. Students will only be allowed to repeat an assessment once. 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 the Departments concerned. A student who failed to write an assessment does not qualify for a special assessment.

Reg GH15 REGULATIONS FOR THE DEGREE MASTER OF COMMUNITY HEALTH

Reg. GH15.1 Admission requirements

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

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

Reg. GH15.2 Curriculum

(a) Part I

- VKG701 Communicable and non-communicable health-related conditions
- VKG702 Administration/management theory and behavioural sciences
- VKG703 Theory of epidemiology, biostatistics and demography

Assessment: One three-hour assessment paper in each of VKG701, 702 and 703. The assessment for Part I may not be written before the end of the first year of training.

(b) Part II

VKG704 Community Health

- (i) Administration/management of health services
- (ii) Systematic and interventional epidemiology
- (iii) Environmental health

Assessment: 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.

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.

The formal assessment of College of Public Health Medicine (SA) 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 College of Public Health Medicine (SA). 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. The second part of the assessment for VKG704 will still be conducted as described in the regulations.

(c) Script

VKG705 Script

Before the degree is conferred upon a student, he/she must submit an acceptable script on an approved discipline.

The script may be submitted at any time after two years of student training **provided** the student is officially appointed in an approved registrar post and registered for the MMED degree at this University.

Two external examiners will be appointed by the Head of the Department: Community Health for the assessment of the submitted script.

The student must have completed and passed VKG705 before he/she could report for the assessment of VKG704.

Reg. GH15.3 Duration of the Degree Programme

The duration of training is four years (full-time).

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 the Department.

Reg. GH15.4 Pass requirements

This qualification, for which a student registers in terms of the Health Professions Act, Act 56 of 1974, may be awarded to a student after the student:

- (a) Has filled a full-time training post for a period of at least four years and has received relevant teaching and practical training;
- (b) Has passed the prescribed assessments for Part I and Part II; and
- (c) Has passed the prescribed script.

Reg. GH15.5 Exemption

- (a) Possible exemption, partial or full, based on comparable training and experience gained at another recognised institution, may be granted by the University in respect of the training and work stated in Reg.GH15.3 and GH15.4. The maximum permissible period of exemption is 24 months.
- (b) Exemption from the modules in Part I may be granted by the Faculty Board on the recommendation of the Head of the School of Medicine if recommended by the Head of the Department, after the Head of the Department had ascertained that the student has passed an equivalent assessment at an institution recognised by the University before registering for the M.Med.(C.H.) degree at this University.

Reg. GH15.6 Re-assessment

Further examination may be allowed after six months with the approval of the Faculty Board and on the recommendation of the Head of the School of Medicine.

**REGULATIONS FOR THE MASTER OF MEDICAL CLINICAL SCIENCES IN
TRANSFUSION MEDICINE** **180 Credits**
M.M. Clin. Sc. (Transfusion Medicine) **Study code 8790**

**Reg. GH16: REGULATIONS FOR THE DEGREE MASTER OF MEDICAL
CLINICAL SCIENCES IN TRANSFUSION MEDICINE**

Reg. GH16.1: 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 Bachelor's degree in Medicine and a Bachelor's degree in Surgery, or its equivalent;
- c) Is in possession of the Postgraduate Diploma in Transfusion medicine or equivalent and
- d) Is registered as an Independent Practice medical practitioner with the Health Professions Council of South Africa 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. GH16.2: Duration of the programme

The programme extends over a minimum period of two years.

Reg. GH16.3: Curriculum

Dissertation TMO700

Reg. GH16.4: 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 study leader(s).

Reg. GH16.5 Pass requirements

See General Regulations.

Reg. 16.6 Re-assessment

See General Regulations.

**Reg. GH17 REGULATIONS FOR THE DEGREE OF DOCTOR OF
PHILOSOPHY**

The General Regulations in respect of Doctoral 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 Senate.

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

Anatomy and Cell Morphology, Anatomical Pathology, Anaesthesiology, Biostatistics, Medical Physics, Chemical Pathology, Surgery, Dermatology, Diagnostic Radiology, Pharmacology, Medical Physiology, Community Health, Forensic Medicine, Haematology and Cell Biology, Family Medicine, Internal Medicine, Cardiology, Cardiothoracic Surgery, Nuclear Medicine, Clinical Radiobiology/Oncotherapy, Critical Care, Medical Microbiology/Virology, Human Molecular Biology, Neurosurgery, Otorhinolaryngology, Paediatrics, Plastic Surgery, Psychiatry, Radiation Oncology, Radiographic Sciences, Urology.

Module code: 901

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

See Reg.GH6.

Reg. GH18 REGULATIONS FOR THE DEGREE OF DOCTOR IN MEDICINE
(M.D.)**Reg. GH18.1 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:

Anatomy and Cell Morphology, Anatomical Pathology, Anaesthesiology, Biostatistics, Medical Physics, Chemical Pathology, Surgery, Dermatology, Diagnostic Radiology, Pharmacology, Medical Physiology, Community Health, Forensic Medicine, Haematology and Cell Biology, Family Medicine, Internal Medicine, Cardiology, Cardiothoracic Surgery, Nuclear Medicine, Clinical Radiobiology/Oncotherapy, Critical Care, Medical Microbiology/Virology, Neurosurgery, Otorhinolaryngology, Paediatrics, Plastic Surgery, Psychiatry, Radiation Oncology, Urology.

Module code: 900

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

Remarks:

- (a) A Faculty Committee will assess the proposed project. The title of the dissertation will 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.

Reg. GH19 REGULATIONS FOR THE DEGREE DOCTOR SCIENTIAE

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

Module code: 900

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

For further detail, see YEARBOOK GENERAL (Postgraduate degrees and diplomas).

Reg. GH20 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN ENDOCRINOLOGY

Reg. GH20.1 Admission requirements

M.Med. (Internal Medicine) or L.K.I. (S.A.)

Reg. GH20.2 Duration of programme

Two years full-time.

Reg. GH20.3 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; and
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. GH20.4 Curriculum

The principles and practice of Clinical Endocrinology are dealt with.

Year 1: Advanced Endocrinology AEI501

Year 2: Advanced Endocrinology AEI502

Reg. GH20.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A sub-minimum 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.

Reg. GH21 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN GASTROENTEROLOGY

Reg. GH21.1 Admission requirements

M.Med. (Internal Medicine) or L.K.I. (S.A.)

Reg. GH21.2 Duration of programme

Two years full-time.

Reg. GH21.3 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; and
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. GH21.4 Curriculum

The principles and practice of Clinical Gastroenterology are dealt with.

Year 1: Advanced Gastroenterology AVG501

Year 2: Advanced Gastroenterology AVG502

Reg. GH21.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A sub-minimum 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.

Reg. GH22 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN GERIATRIC MEDICINE

Reg. GH22.1 Admission requirements

M.Med. (Internal Medicine) or L.K.I. (S.A.)

Reg. GH22.2 Duration of programme

Two years full-time

Reg. GH22.3 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; and
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. GH22.4 Curriculum

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

Year 1: Advanced Geriatric Medicine AGI501

Year 2: Advanced Geriatric Medicine AGI502

Reg. GH22.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A sub-minimum 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.

Reg. GH23 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN NEPHROLOGY

Reg. GH23.1 Admission requirements

M.Med. (Internal Medicine) or L.K.I. (S.A.)

Reg. GH23.2 Duration of programme

Two years full-time

Reg. GH23.3 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; and
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. GH23.4 Curriculum

The principles and practice of Clinical Nephrology are dealt with.

Year 1: Advanced Nephrology ANI501

Year 2: Advanced Nephrology ANI502

Reg. GH23.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A sub-minimum 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.

Reg. GH24 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN PULMONOLOGY

Reg. GH24.1 Admission requirements

M.Med. (Internal Medicine) or L.K.I. (S.A.)

Reg. GH24.2 Duration of programme

Two years full-time

Reg. GH24.3 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; and
- (iv) Had been registered as a student with the University for the prescribed period.

Reg. GH24.4 Curriculum

The principles and practice of Clinical Pulmonology are dealt with.

Year 1: Advanced Pulmonology API501

Year 2: Advanced Pulmonology API502

Reg. GH24.5 Assessment

- (i) Students may sit for the assessment in June or November.
- (ii) The assessment will comprise a theoretical and practical component.
- (iii) A sub-minimum 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.

Reg. GH25 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN CLINICAL HAEMATOLOGY

Reg. GH25.1 Admission requirements

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

- (a) Students who are registered as paediatricians with the Health Professions Council of South Africa (HPCSA): M.Med. (Paed), or an equivalent qualification.
- (b) Students who are registered with the HPCSA as Physicians: M.Med. (Int), or an equivalent qualification.
- (c) Students who are registered with the HPCSA as haematological pathologists: M.Med. (Haemat.), or an equivalent qualification.

Reg. GH25.2 Duration of programme

Two years full-time

Reg. GH25.3 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) Was registered as a student at the University for the prescribed period; and
- (iv) Successfully passed the prescribed University assessment - written, oral, practical and/or clinical.

Remarks:

- (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. GH25.4 Curriculum

Clinical Haematology CHS501 (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 (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. GH25.5 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.

Reg. GH25.6 Pass with honours

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

Reg. GH25.7 Reassessment

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

Reg. GH25.8 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. GH25.9 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. GH26 **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. GH26.1 **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 admitted to the status of M.Med.Rad. on the recommendation of the Faculty of Health Sciences; and
- (b) Be appointed in a Department of Radiology at an accredited training hospital that has the appropriate facilities at its disposal.

Remark

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

Reg. GH26.2 **Duration of programme**

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

Reg. GH26.3 **Curriculum**

First semester:

UID501 Uro-intervention, Drainage and Biopsy
IUD501 Endovascular intervention 1

Second semester:

IUD502 Endovascular intervention 2
GII502 Gastro-intestinal intervention

Reg. GH26.4 **Assessment**

One three hour question paper per semester
Oral - second semester
Logbook - second semester

Reg. GH26.5 **Pass requirements**

See General Regulations

Reg. GH27: 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 Year Book (Postgraduate Degrees and Diplomas). It is the responsibility of students or prospective students to familiarise themselves with these regulations.

Reg. GH27.1: Admission Requirements

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

Reg. GH27.2: 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 rights to require that such a student pass an entrance examination.

Reg. GH27.3 Duration of the course

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

Reg. GH27.4 Curriculum

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

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 a medical physicist - independent practice.

Reg. GH27.5: 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. GH27.6: Degree 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. GH27.7: Pass requirements

The General Regulations apply.

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

Reg. GH28 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY

Reg. GH28.1 Admission requirements

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

Reg. GH28.2 Duration of programme

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

Reg. GH28.3 Curriculum

- (a) Assignments (Clinical Pharmacology and Clinical Toxicology)
- (b) Case reports
- (c) Thesis/Dissertation

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

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. GH28.4 Assessment

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

- | | |
|---|------|
| i) ACH 501: Assignments in Clinical Pharmacology and Clinical Toxicology: | |
| Two tests of two hours each and examination of three hours: | 50% |
| ii) ACH502: Case reports (An average score for five case reports): | 20% |
| iii) ACH502: Presentation/dissertation | 30% |
| Total mark: | 100% |

Reg. GH28.5 Pass requirements

See General Regulations.

Reg. GH29: REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE

Reg. GH29.1: Admission requirements

Before a student may register for the Diploma, he/she must be in possession of a Bachelor's degree in Medicine and a Bachelor's degree in Surgery, or its equivalent. Candidates must be registered as an Independent Practice medical practitioner with the Health Professions Council of South Africa or equivalent for the country of origin.

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

If there are more than 50 applications preference will be given to candidates from South Africa and those working actively in the application of transfusion medicine in their daily practice.

Reg. GH29.2: Duration of the programme

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

Reg. GH29.3: 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. GH29.4: Assessment

A written evaluation will be conducted in each separate module. Admission to the assessment will be subject to the learner attending contact sessions and participating in electronic sessions. An oral evaluation will be conducted at the end of the programme, to ensure adequate integrated assessment. A sub-minimum of 50% must be obtained for the assessment before the student passes. A student passes with honours if an assessment mark of at least 75% is obtained. See General Regulations for pass requirements.

Reg. GH29.5: Re-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 the Department.

Reg. GH30: 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. GH30.1: Admission requirements

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

- (a) be in possession of at least a three-year B.Rad. degree or equivalent qualification;
or
- (b) be admitted to the status of the three-year B.Rad. degree on the recommendation of the Faculty of Health Sciences;
- (c) be appointed as Diagnostic Radiographer at an accredited training hospital that has the appropriate facility at its disposal; and
- (d) be registered as Diagnostic Radiographer with the HPCSA.

Remark

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

Reg. GH30.2: Duration of diploma programme

The duration of the programme extends over two semesters, offered on a fulltime basis.

Reg. GH30.3: Subject directions

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

Reg. GH30.4: CurriculumFirst Semester

APS501	Applied Physics
RAR501	Radiographic Anatomy/Physiology/Pathology

Second Semester

RTR502	Radiographic Practice
PCR502	Clinical Radiographic Practice

Reg. GH30.5: Assessment

Assessment is conducted in the following manner:

2 x 2 hour question paper per semester

Oral second semester

Research project second semester

Pass requirements

See General Regulations.

ADVANCED UNIVERSITY DIPLOMA IN OCCUPATIONAL HEALTH A.D.O.H.	240 Credits Study code 08220
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Reg. GH31 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN OCCUPATIONAL HEALTH

Reg. GH31.1 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 Medical Practitioner, Category Independent Practice, with the Health Professions Council of South Africa (HPCSA).

Additional requirements for foreign medical practitioners including medical practitioners from the Southern Africa Developing Countries (SADEC) 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. GH31.2 Duration of the programme

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

Reg. GH31.3 Curriculum

Part I

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

Part II

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

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. GH31.4 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 obtained 75% or higher in the assessment in each individual module. See General Regulation (Advanced and Postgraduate Qualifications) for pass requirements.

Reg. GH31.5 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 the Department.

**Reg. GH32 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN
COMMUNITY HEALTH****Reg. GH32.1 Admission requirements**

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

Reg. GH32.2 Duration of the programme

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

Reg. GH32.3 Curriculum**Part I**

- (i) GGK603 Microbiology (Assessment course)
- (ii) GGK608 Parasitology and Entomology (Assessment course)
- (iii) GGK609 Food and water (including diseases, hygiene and food science).
(Assessment course)

Part II

- (i) GGK601 Epidemiology and Medical Statistics (Assessment course)
- (ii) GGK607 Health Administration including basic financial management, accounting and business economics (Assessment course)
- (iii) GGK605 Health Legislation (Assessment course)
- (iv) GGK606 Comprehensive Health Care (Assessment course)
- (v) GGK602 Environmental Health Care (Assessment course)

Reg. GH32.4 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. See General Regulations for pass requirements.

Reg. GH32.5 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 the Department.

**Reg. GH32.6 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; and
- (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. Study code 08240

Reg. GH33 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN HEALTH SERVICES MANAGEMENT

Reg. GH33.1 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. GH33.2 Duration of the programme

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

Reg. GH33.3 Curriculum

Part I

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

Part II

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

Reg. GH33.4 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 subject 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. See General Regulations for pass requirements.

Reg. GH33.5 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 the Department.

Reg. GH33.6 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; and
- (b) The student must be registered for the new diploma for at least one academic year.

MAGISTER SOCIETATIS SCIENTIAE (NURSING)

M.Soc.Sc.(Nursing) Dissertation

Study code 2720

M.Soc.Sc.(Nursing) Course work

Study code 2721

INTRODUCTION

The M.Soc.Sc. Degree in nursing can be obtained by either a dissertation or by course work. The dissertation masters degree comprises of a research dissertation while the course work masters degree comprises fundamental, elective and core modules.

Reg. GH34.1 Admission requirements

A Bachelor's degree in nursing is required and candidates must furnish proof of two registrations with the South African Nursing Council, and in the case of foreign students with a recognised body in their country of origin. Foreign students also require temporary registration with the South African Nursing Council.

Prerequisites apply with regard to options A and B (see Regulation GH 32.4)

Reg. GH34.2 Recognition of prior learning

Prior learning is recognised:

- Portfolio submission; and/or
- Tests; and/or
- Examinations; and/or
- Clinical skills tests; and/or
- Objective structured clinical evaluation.

Reg. GH34.3 Duration of the program

The programme extends over at least two academic years.

Reg. GH32.4 Learning programme (curriculum) (248 credits)

Reg. GH34.4 Learning programme (curriculum) (248 credits)

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

- (A) A dissertation on an approved subject which has been endorsed by the Faculty Board. The module Advanced Research Methodology in Nursing (VRT702) is a prerequisite for VRT700 (see Table 1). 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)

MODULES	Module	Credits
Dissertation in Nursing	VRT700	228

OR

- (B) Completion of the required learning content for the M.Soc.Sc. (Nursing) degree (Table 2) in a specific field of choice.

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: Course work

FUNDAMENTAL MODULES	Module	Credits
Research methodology in nursing (compulsory)	VRT702	20
Nursing dynamics (compulsory)	VRT711	8
ELECTIVE MODULES	Module	Credits
Research report in nursing OR	RES792	32
One research article approved for publication in an accredited journal OR	ART792	32
Four essays on nursing research	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 capita selecta	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 capita selecta	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 capita selecta	FFB707	20
Gerontological	GEV116	24
Gerontological	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. GH34.5 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 Nursing Council.

Reg. GH34.6 Exits

Exit after completion of the 188 credits of the core modules is possible in Learning Programme B. Registration in the field of specialisation with the SA Nursing Council is awarded. The minimum duration is two semesters.

Reg. GH34.7 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. GH34.8 Assessment

OPTION A

To pass the dissertation the requirements as stipulated in general regulation A92 apply.

OPTION B

(a) The examination consists of a three hour written examination paper in every theoretical module.

(b) A research report on a specific research subject

OR

One research article approved for publication in an accredited journal

OR

Four research essays

The research report, research essays or the approved research article must be submitted not later than six months after the final written examination, unless the Dean has granted postponement.

The calculation of the total mark for Option B is as follows:

- The combined average mark of VRT 702 and RES 792, ART 792 or ESS 792 will count for 50% of the total mark.
- The combined average mark of all the other modules will count for 60% of the total mark.

VRT711	10%
KSV116, 714, 716, GVV116, KDV116, OTV116, GEV116, KPV116, NGV116, PKG116	10%
KSV126, 724, 725, 726, VNV126, KDV126, OTV126, GEV126, KPV126, NGV126, PKG126	10%
VRT758, 734, 735, 736, 737, 738, 739, 759,760	10%
FFB702, 703,704, 705, 706, 707, 708, NEV 115, NEV 125, VRP729	10%
VRP717, 721, 722, 723, 724, 725, 726, 727,730	10%

All modules must be passed separately.

Reg. GH34.9 Degree 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 3 hour paper)	1. Fundamental critical care (12) 2. Respiratory critical care (6) 3. Cardiovascular and thorax critical care (6)	24
Critical Care Nursing (One 3 hour paper)	1. Neurological and neurosurgical critical care (12) 2. Nephro-endocrinological critical care (6) 3. Surgical critical care (6)	24
Critical Care Nursing (One 3 hour paper)	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 3 hour paper)	1. Health care systems (4) 2. Community nursing (12) 3. Management of health care systems (4)	20
Community Nursing (One 3 hour paper)	1. Health care models (4) 2. Individual, family and community pathology (12) 3. Specialised nursing care (4)	20
Community Nursing (One 3 hours paper)	1. Research modalities in community nursing	20

MODULES AND EXAMINATION PAPERS	Units	Credits
Gerontological Nursing (One 3 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 3 hour paper)	<ol style="list-style-type: none"> 1. Gerontological services in SA and elsewhere (4) 2. Rehabilitation and home care, nutrition (8) 3. An aetiology of geriatric disorders, diagnostic and treatment methods (12) 	24
Gerontological Nursing (One 3 hour paper)	<ol style="list-style-type: none"> 1. Research modalities in Gerontological nursing 	20
Psychiatric Nursing (One 3 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 3 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 3 hour paper)	<ol style="list-style-type: none"> 1. Research modalities in psychiatric nursing 	20
Advanced Midwifery and Neonatal Nursing (One 3 hour paper)	<ol style="list-style-type: none"> 1. Reproductive health care (8) 2. Normal pregnancy, labour, puerperium and the neonate (16) 	24
Advanced Midwifery and Neonatal Nursing (One 3 hour paper)	<ol style="list-style-type: none"> 1. High risk midwifery (20) 2. Advanced Midwifery and Neonatology (4) 	24
Advanced Midwifery and Neonatal Nursing (One 3 hour paper)	<ol style="list-style-type: none"> 1. Research modalities 	20
Child Psychiatric Nursing (One 3 hour paper)	<ol style="list-style-type: none"> 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 3 hour paper)	<ol style="list-style-type: none"> 1. Treatment modalities 	24

MODULES AND EXAMINATION PAPERS	Units	Credits
Child Psychiatric Nursing (One 3 hour paper)	1. Research modalities in child psychiatric nursing	20
Orthopaedic Nursing (One 3 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 3 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 3 hour paper)	1. Research modalities in orthopaedic nursing	20
Paediatric Nursing (One 3 hour paper)	1. General development of the child The development, function and patho-physiology 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 3 hour paper)	1. Paediatric nursing during short and long-term hospitalisation (20) 2. Community health paediatric nursing (4)	24
Paediatric Nursing (One 3 hour paper)	1. Research modalities in paediatric nursing	20

MODULES AND EXAMINATION PAPERS	Units	Credits
Primary Clinical Health Care Nursing (one 3 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 3 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 3 hour paper)	<ol style="list-style-type: none"> 1. Research modalities in Primary Clinical Health Care 	20

**PHILOSOPHIAE DOCTOR
Ph.D.**

Study code 8960

Reg. GH35 REGULATIONS FOR THE DEGREE OF PHILOSOPHIAE DOCTOR

The General Regulations in respect of Doctoral 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 Senate.

Students will be selected for this programme.

**DOCTOR SOCIETATIS SCIENTIAE
D.Soc.Sc.**

Study code 2900

**Reg. GH36 REGULATIONS FOR THE DEGREE OF DOCTOR SOCIETATIS
SCIENTIAE**

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

For more detail, see YEARBOOK GENERAL (Post graduate degrees and diplomas)

Reg. GH37: REGULATION FOR BACCALAUREUS IN ADVANCED NURSING**Reg. GH37.1 Information**

The Baccalaureus in Advanced Nursing is part of the post-basic program 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. GH37.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for degree.

National Standard Field: 09 Health Sciences and Social Services.

Reg. GH37.3 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 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 (TAV 116) is a prerequisite for the registration in Trauma and Emergency Nursing II (TAV 126).

(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. GH37.4 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. GH37.5 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 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 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. GH37.6 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. GH37.7 Degree with distinction

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; and
- (iii) A minimum of four modules per year of study passed.

Reg. GH37.8 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.

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		Previous courses (advanced diploma)	
Sociology	SOS164	Sociology	SOS165
Professional Practice	PPV 120	Ethos and Professional Practice	VRT 529
Educational Psychology	OSV 110	Educational Psychology	OPV 105
Nursing Education I	VOV 110	Nursing Education	VPO 115
Nursing Education II	VOV 120	Nursing Education	VPO 125
Nursing Education Practical	OVP 100	Nursing Education Practical	VPP 100
Health Care Management I	GSB 110	Nursing Administration	VRA 115/125
Health Care Management II	GSB 120	Nursing Administration	VRA225
Health Care Management Practical	GBP 100	Nursing Administration Practical	VAP100
Nursing Education Management	OBV 110	Nursing Education Management	VRA 115/125
Advanced Midwifery	GVV110/ VNV 120	Advanced Midwifery	VRT 513/514
Advanced Midwifery practical	GVP 100	Advanced Midwifery practical	VRP 500
Research	REV 110	Research	NAV110
Community Health Nursing	GMV110/ 120	Community Health Nursing	VRT 517/527
Community Health Nursing practical	GMP 100	Community Health Nursing practical	VRP 502
Child Psychiatric Nursing	KPV 110/ 120	Child Psychiatric Nursing	VRT 515/525
Child Psychiatric Nursing practical	KPP 100	Child Psychiatric Nursing practical	VRP 501

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

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

Reg. GH37.9 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. GH37.10 Obtaining of degree

Completion of 360 credits leads to a **Baccalaureus in Advanced Nursing** and two or three professional registrations with the S.A. 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 Director, 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 April 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

SPECIALISATION AREAS	PROFESSIONAL REGISTRATIONS	CREDITS
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

Reg. GH37.11 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.

Reg. GH37.12 Learning programme (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. GH37.12.1 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	IVV 112	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	VIV 118	32
HIV and AIDS health care	VIV 128	32
HIV and AIDS health care practical	VIP 102	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	VIV 118	32
HIV and AIDS health care	VIV 128	32
HIV and AIDS health care practical	VIP 105	20

HIGH CARE CLINICAL NURSING

Core modules	Codes	Credits
High Care Clinical Nursing	HSV 117	28
High Care Clinical Nursing	HSV 127	28
High Care Clinical Practical	HSP 104	16

WOUND CARE

Core modules	Codes	Credits
Wound Care theory	WOW 100	56
Wound Care practical	WOP 104	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	IVV 112	8

BASIC MIDWIFERY

Core modules	Codes	Credits
Basic Midwifery	VEV 116	24
Basic Midwifery	VEV 126	24
Basic Midwifery practical	BEP 105	20

FORENSIC NURSING

Core modules	Codes	Credits
Forensic Nursing	FOV 116	24
Forensic Nursing	FOV 126	24
Forensic Nursing practical	EOP 105	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	GEV 116	24
Gerontological Nursing	GEV 126	24
Gerontological Nursing Practical	GRP 105	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	Code	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	TNV 116	24
Operating Theatre Nursing	TNV 126	24
Operating Theatre Nursing Practical	TNP 105	20

ORTHOPAEDIC NURSING

Core modules	Codes	Credits
Orthopaedic Nursing	OTV 116	24
Orthopaedic Nursing	OTV 126	24
Orthopaedic Nursing Practical	OTV 105	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	TAV 116	24
Trauma and emergency Nursing	TAV 126	24
Trauma and emergency Nursing Practical	TAP 115	10
Trauma and emergency Nursing Practical	TAP 125	10

Reg. GH37.12.2 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

Name of course	Code	Module	Credits
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	WYS 114	Introduction to philosophy, worldview interpretation and ethical decision-making	16
Philosophy	WYS224	Africa philosophy, ideology and multi-culturalism	16
Research	VRT 702	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
Anatomy and Physiology	BMN214	Circulatory system Respiratory system Nervous system Sense organs and the skin Urogenital 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

Name of course	Code	Module	Credits
Computer Literacy	BRS111	Basic Computer Literacy	4
Computer Literacy	RIS121	Advanced Computer Practice	4
Writer's Course	SPRESK	Writer's Course	4

R80(d) applies to VRT 702

A student may register for VRT 702 only on the recommendation of the Head of the School.

Reg. GH37.13 Equivalent codes

B. in Advanced Nursing 2002 modules	Codes	B. in Advanced Nursing 1999 to 2001 modules	Codes
Ethos and Professional Practice	PPV122	Ethos and Professional Practice	PPV 120
Health Care and the Law	GRV122	Health Care and the Law	GRV 120
Research	REV114	Research	REV 110
Educational Psychology	OSV114	Educational Psychology	OSV 110
Sociology	SOS164	Sociology	SOS 165
Nursing Education Management	OBV113	Nursing Education Management	OBV 110
Nursing Education I	VOV115	Nursing Education	VOV 110
Nursing Education II	VOV125	Nursing Education	VOV 120
Nursing Education practical	OVP104	Nursing Education practical	OVP 100
Health Care Management	GSB113	Health Care Management	GSB 110
Health Care Management	GSB126	Health Care Management	GSB 120
Health Care Management	GSB 136	Health Care Management	GSB 130
Health Care Management practical	GBP 105	Health Care Management practical	GBP 100
Occupational Health Nursing I	NGV115	Occupational Health Nursing I	NGV 110
Occupational Health Nursing II	NGV125	Occupational Health Nursing II	NGV 120
Occupational Health Nursing practical	NGP105	Occupational Health Nursing practical	NGP 100
High Care Clinical Nursing I	HSV 117	High Care Clinical Nursing I	HSV 110
High Care Clinical Nursing II	HSV 127	High Care Clinical Nursing II	HSV 120
High Care Clinical Nursing practical	HSP 104	High Care Clinical Nursing practical	HSP 100
Pharmacology	FRM116	Pharmacology	FRM 110
Pharmacology	FRM126/ FRM146	Pharmacology	FRM 120
Basic Midwifery	VEV 115	Basic Midwifery	VEV 110
Basic Midwifery	VEV125	Basic Midwifery	VEV120
Basic Midwifery practical	BEP 105	Basic Midwifery practical	BEP 105
Forensic Nursing	FOV 115	Forensic Nursing	FOV 110
Forensic Nursing	FOV 125	Forensic Nursing	FOV 120
Forensic Nursing practical	EOP 105	Forensic Nursing practical	EOP 100
Community Nursing	GMV115	Community Nursing	GMV 110

B. in Advanced Nursing 2002 modules	Codes	B. in Advanced Nursing 1999 to 2001 modules	Codes
Community Nursing	GMV125	Community Nursing	GMV 120
Community Nursing practical	GMP105	Community Nursing practical	GMP 100
Gerontological Nursing	GEV115	Gerontological Nursing	GEV 110
Gerontological Nursing	GEV125	Gerontological Nursing	GEV 120
Gerontological Nursing practical	GRP105	Gerontological Nursing practical	GRP 100
Advanced Midwifery and Neonatology	GVV115	Advanced Midwifery and Neonatology	GVV 110
Advanced Midwifery and Neonatology	VNV125	Advanced Midwifery and Neonatology	VNV 120
Advanced Midwifery and Neonatology practical	GVP105	Advanced Midwifery and Neonatology practical	GVP 100
Child Psychiatric Nursing	KPV115	Child Psychiatric Nursing	KPV 110
Child Psychiatric Nursing	KPV125	Child Psychiatric Nursing	KPV 120
Child Psychiatric Nursing practical	KPP105	Child Psychiatric Nursing practical	KPP 100
Paediatric Nursing	KDV115	Paediatric Nursing	KDV 110
Paediatric Nursing	KDV125	Paediatric Nursing	KDV 120
Paediatric Nursing practical	KDP105	Paediatric Nursing practical	KDP 100
Critical Care Nursing (General)	KSV115	Critical Care Nursing (General)	KSV 110
Critical Care Nursing (General)	KSV125	Critical Care Nursing (General)	KSV 120
Critical Care Nursing (General) practical	KSP105	Critical Care Nursing (General) practical	KSP 100
Medical and Surgical Nursing	MCV115	Medical and Surgical Nursing	MCV 110
Medical and Surgical Nursing	MCV125	Medical and Surgical Nursing	MCV 120
Medical and Surgical Nursing practical	MCP105	Medical and Surgical Nursing practical	MCP 100
Operating Theatre Nursing	TNV 115	Operating Theatre Nursing	TNV 110
Operating Theatre Nursing	TNV 125	Operating Theatre Nursing	TNV 120
Operating Theatre Nursing practical	TNP 105	Operating Theatre Nursing practical	TNP 100
Primary Clinical Care Nursing	PKG115	Primary Clinical Care Nursing	PKG 110
Primary Clinical Care Nursing	PKG125	Primary Clinical Care Nursing	PKG 120
Primary Clinical Care Nursing practical	PKP105	Primary Clinical Care Nursing practical	PKP 100
Psychiatric Nursing	PSV115	Psychiatric Nursing	PSV 110
Psychiatric Nursing	PSV125	Psychiatric Nursing	PSV 120
Psychiatric Nursing practical	PVP105	Psychiatric Nursing practical	PVP 100

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	VEV 116	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
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

B. in Advanced Nursing 2005 modules	Codes	B. in Advanced Nursing 2006 modules	Codes
Trauma and Emergency Nursing Practical	TAV 105	Trauma and Emergency Nursing Practical	TAP 115 and TAP 125

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

B. in Advanced Nursing 1999 to 2008 Modules	Codes	B. in Advanced Nursing 2009 modules	Codes
Inequalities in society	SOS132 (8 credits)	Introduction to social imagination	SOS114 (16 credits)
Society in demographic perspective	SOS142 (8 credits)	Social institutions and social change	SOS124 (16 credits)
Deviant behaviour	SOS212 (8 credits)	Population dynamics and environmental issues	SOS244 (16 credits)
Family and household life	SOS232 (8 credits)	Sociology of family and household life	SOS234 (16 credits)
Human development	PSY122 (8 credits)	Developmental Psychology	PSY224 (16 credits)
Philosophical anthropology	WYS122 (8 credits)	Aspects of the world, argumentation theory and philosophical anthropology	WYS124 (16 credits)
Value paradigms and medical ethics	WYS142 (8 credits)	Introduction to philosophy, world-view interpretation and ethical decision-making	WYS114 (16 credits)
Africa philosophy	WYS222 (8 credits)	Africa philosophy, ideology and multi-culturalism	WYS224 (16 credits)
Basic Anatomy Physiology	ANA124 (16 credits) FFB123 (12 credits)	Anatomy and Physiology	FFB124 (16 credits)
Basic Anatomy Physiology	ANA214 (16 credits) FFB213 (12 credits)	Anatomy and Physiology	BMN214 (16 credits)
Microbiology Microbiology	MCB212 (8 credits) MCB232 (8 credits)	Microbiology	MCB214 (16 credits)
Microbiology Microbiology	MCB222 (8 credits) MCB242 (8 credits)	Microbiology	MCB224 (16 credits)
Nursing education	VOV115 (20 credits)	Nursing education	VOV116 (24 credits)
Nursing education	VOV125 (20 credits)	Nursing education	VOV126 (24 credits)

B. in Advanced Nursing 1999 to 2008 Modules	Codes	B. in Advanced Nursing 2009 modules	Codes
Nursing education practical	OVP104 (16 credits)	Nursing education practical	OVP105 (20 credits)

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

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

Reg. GH37.14 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

<u>MODULES AND PAPERS</u>	<u>UNITS</u>		<u>CREDITS</u>
Basic Midwifery VEV 116 One three-hour paper	Unit 1	History of midwifery Current trends in midwifery Readiness for parenthood Applied anatomy and physiology (4)	24
	2	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)	
Basic Midwifery VEV 126 One three-hour paper	Unit 1	Midwifery management and care in high-risk pregnancy High risk deliveries High risk puerperium (12)	24
	2	Midwifery management and care of the neonate at risk (12)	
Occupational Health Nursing NGV 116 One three-hour paper	Unit 1	National, regional and local occupational health profile (4)	24
	2	Industrial hygiene (16)	
	3	Legislation (4)	
Occupational Health Nursing NGV126 One three-hour paper	Unit 1	Modalities of occupational health nursing	24

MODULES AND PAPERS	UNITS	CREDITS
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 FAV 113 One three-hour paper	Unit 1 Introduction to pharmacology (4) 2 Drug types (8)	12
Forensic nursing FOV 116 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 FOV 126 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 GSB 113 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
Health care management GSB 126 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 GSB 136 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 GRV 123 One two-hour paper	Unit 1 SA legal system Legal and ethical guide-lines Different forms of responsibility Informed consent Legal and ethical aspects in practice	12
Community Health Nursing GMV 116 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 GMV 126 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 GEV 116 One three-hour paper	Unit 1 Demography of the elderly population and ageing process (8) 2 Psychosocial aspects of ageing (8)	24

MODULES AND PAPERS	UNITS	CREDITS
	3 Gerontological nursing skills (8)	
Gerontological Nursing GEV 126 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 GVV 116 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 VNV 126 One three-hour paper	Unit 1 High risk midwifery (12) 2 High risk_Neonatology (8) 3 Safe motherhood (4)	24
High Care HSV 117 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
High Care HSV 127 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 IVV 112 One two-hour paper	Unit 1 Introduction to HIV and AIDS Health Care	8
Child Psychiatric Nursing KPV 116 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 KPV 126 One three-hour paper	Unit 1 Treatment modalities	24
Paediatric Nursing KDV 116 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	24

MODULES AND PAPERS	UNITS	CREDITS
	3	child; maintenance of the health of the child (4) Developmental problems and their treatment (4)
Paediatric Nursing KDV 126 One three-hour paper	Unit 1 2	Paediatric nursing care in short and long term hospitalisation (16) Community paediatric nursing care (8)
Critical Care (General) KSV 116 One three-hour paper	Unit 1 2 3	Fundamental critical care (8) Respiratory nursing care (8) Cardiovascular and cardiothoracic nursing care (8)
Critical Care (General) KSV 126 One three-hour paper	Unit 1 2 3	Neurological and neurosurgical nursing care (8) Surgical nursing care (8) Nephrological and endocrinological nursing care (8)
Medical Surgical Nursing MCV 116 One three-hour paper	Unit 1 2	Surgical and medical nursing modalities (12) Medical and surgical nursing care of patients with diseases of the cardiovascular and respiratory systems (12)
Medical Surgical Nursing MCV 126 One three-hour paper	Unit 1	Medical and surgical nursing care of patients with diseases of the endocrine and metabolic, neurological, gastrointestinal and genitourinary systems
HIV and AIDS Health Care VIV 118 Two two-hour papers	Unit 1 2	Introduction to HIV and AIDS Health Care (12) a. History of AIDS b. Global epidemiological patterns c. Immune system d. Routes of transmission e. Diagnosis of HIV/AIDS f. Counselling g. Stages of HIV-infection h. Progression of HIV i. Introduction to treatment (10) 2 Applied ethical issues (10)
HIV and AIDS Health Care VIV 128 Two two-hour papers	Unit 1	HIV and AIDS treatment j. Adult k. Pregnant woman l. Children
Research REV 114 One three-hour paper	Unit 1 2	Introduction to nursing research (4) Research process (12)
Operating Theatre Nursing	Unit 1 2	Peri-operative nursing care (8) Asepsis and infection control in the

MODULES AND PAPERS	UNITS	CREDITS
TNV 116 One three-hour paper	3 operating theatre (8) Positioning the patient in the operating theatre Wound healing and haemostasis Specialised instruments Specialised diagnostic procedures (8)	
Operating Theatre Nursing TNV 126 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 OSV 114 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 OTV 116 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 OTV 126 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 PKG 116 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 PKG 126 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)	24

MODULES AND PAPERS	UNITS	CREDITS
	3	Emergency treatment (4)
Psychiatric Nursing PSV 116 One three-hour paper	Unit 1 2 3 4	Psychiatric nursing skills (8) Nursing care of adults with the following specific disorders: Psychoses (8) Anxiety disorders (4) Mood disorders (4)
Psychiatric Nursing PSV 126 24 credits One three-hour paper	Unit 1 2 3	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) The nursing care of persons with mental disability (8) The nursing care of children with psychiatric disorders (4)
Sociology SOS 164 Formative assessment and promotion	Unit 1 2 3 4 5 6 7	Introduction to labour relations: environmental factors that play a role in industrial relations Participants in the South African labour relations system Features of the South African labour market Labour relations in the workplace Collective bargaining and the rights of the worker Industrial democracy and worker participation Industrial action

MODULES AND PAPERS	UNITS	CREDITS
Trauma and Emergency nursing TAV 116 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 TAV 126 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 VOV 116 One three-hour paper	Unit 1 Education legislation and outcome based education (5) 2 Curriculum/Programme development a. Context: situation analysis (3) b. Foundation: mission and vision (2) c. Macro and micro development (4) 3 Teaching models, methods, (5) techniques and approaches 4 Learner-centred teaching, methods and teaching media (5)	24
Nursing Education VOV 126 One three-hour paper	Unit 1 Outcome based education (4) d. Clinical teaching (4) e. Learner assessment (4) f. Clinical assessment (4) 2 Teaching management (2) 3 Quality assurance in Higher Education (4) 4 Program evaluation (2)	24
Wound care WOW 100 56 credits - 20 credits: Formative Assessment - 36 credits: two two-hour papers	Unit 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 DIPLOMAS IN NURSING

Reg. GH38: REGULATION FOR THE ADVANCED UNIVERSITY DIPLOMAS IN NURSING

Reg. GH38.1 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 Science	120	2218
Advanced University Diploma in Operating Theatre Nursing (General)	Medical Surgical Nursing Science (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 Science	120	2224
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. GH38.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for diplomas.

National Standard Field: 09 Health Sciences and Social Services.

Reg. GH38.3 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 (TAV 116) is a prerequisite for the registration in Trauma and Emergency Nursing II (TAV 126).
- (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.
- (xiii) *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. GH38.4 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. GH38.5 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. GH38.6 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. GH38.7 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; and
- (iii) The diploma is completed in two years.

Reg. GH38.8 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.

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 University Diploma	University	Previous modules (advanced diploma)	
Sociology	SOS164	Sociology	SOS165
Professional Practice	PPV 120	Ethos and Professional Practice	VRT 529
Educational Psychology	OSV 110	Educational Psychology	OPV 105
Nursing Education I	VOV 110	Nursing Education	VPO 115
Nursing Education II	VOV 120	Nursing Education	VPO 125
Nursing Education Practical	OVP 100	Nursing Education Practical	VPP 100
Health Care Management I	GSB 110	Nursing Administration	VRA 115/ 125
Health Care Management II	GSB 120	Nursing Administration	VRA 225
Health Care Management Practical	GBP 100	Nursing Administration Practical	VAP100
Nursing Education Management	OBV 110	Nursing Education Management	VRA 115/ 125
Advanced Midwifery	GVV 110/ VNV 120	Advanced Midwifery	VRT 513/514
Advanced Midwifery practical	GVP 100	Advanced Midwifery practical	VRP 500
Research	REV 110	Research	NAV110
Community Nursing	GMV 110/ 120	Community Nursing	VRT 517/ 527
Community Nursing practical	GMP 100	Community Nursing practical	VRP 502
Child Psychiatric Nursing	KPV 110/ 120	Child Psychiatric Nursing	VRT 515/525
Child Psychiatric Nursing practical	KPP 100	Child Psychiatric Nursing practical	VRP 501

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

Reg. GH38.9 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. GH38.10 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. GH38.11 Learning programme (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. GH38.11.1 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	IVV 112	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	IVV 112	8
Core modules	Codes	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	IVV 112	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	IVV 112	8

BASIC MIDWIFERY

Core modules	Codes	Credits
Basic Midwifery	VEV 116	24
Basic Midwifery	VEV 126	24
Basic Midwifery practical	BEP 105	20

FORENSIC NURSING

Core modules	Codes	Credits
Forensic Nursing	FOV 116	24
Forensic Nursing	FOV 126	24
Forensic Nursing practical	EOP 105	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	GEV 116	24
Gerontological Nursing	GEV 126	24

Gerontological Nursing Practical	GRP 105	20
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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	TNV 116	24
Operating Theatre Nursing	TNV 126	24
Operating Theatre Nursing Practical	TNP 105	20

ORTHOPAEDIC NURSING

Core modules	Codes	Credits
Orthopaedic Nursing	OTV 116	24
Orthopaedic Nursing	OTV 126	24
Orthopaedic Nursing Practical	OTV 105	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
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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	TAV 116	24
Trauma and emergency Nursing	TAV 126	24
Trauma and Emergency Nursing Practical	TAP115	10
Trauma and Emergency Nursing Practical	TAP 125	10

Reg. GH38.11.2 Elective modules

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

Name of course	Code	Module	Credits
Sociology	SOS 114	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

Name of course	Code	Module	Credits
Psychology	PSY224	Developmental psychology	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 multi-culturalism	16
Research	VRT 702	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
Anatomy and Physiology	BMN214	Circulatory system Respiratory system Nervous system Sense organs and the skin Urogenital 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

Name of course	Code	Module	Credits
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

R80(d) applies to VRT 702

A student may register for VRT 702 only on the recommendation of the Head of the School.

Reg. GH38.12 Equivalent codes

Advanced Diploma 2002 modules	Codes	Advanced Diploma 1999 to 2001 modules	Codes
Ethos and Professional Practice	PPV122	Ethos and Professional Practice	PPV 120
Health Care and the Law	GRV122	Health Care and the Law	GRV 120
Research	REV114	Research	REV 110
Educational Psychology	OSV114	Educational Psychology	OSV 110
Sociology	SOS164	Sociology	SOS 165
Nursing Education Management	OBV113	Nursing Education Management	OBV 110
Nursing Education I	VOV115	Nursing Education	VOV 110
Nursing Education II	VOV125	Nursing Education	VOV 120
Nursing Education practical	OVP104	Nursing Education practical	OVP 100
Health Care Management	GSB113	Health Care Management	GSB 110
Health Care Management	GSB126	Health Care Management	GSB 120
Health Care Management	GSB 136	Health Care Management	GSB 130
Health Care Management practical	GBP 105	Health Care Management practical	GBP 100
Occupational Health Nursing	NGV115	Occupational Health Nursing	NGV 110
Occupational Health Nursing	NGV125	Occupational Health Nursing	NGV 120
Occupational Health Nursing practical	NGP105	Occupational Health Nursing practical	NGP 100
Basic Midwifery	VEV 115	Basic Midwifery	VEV 110
Basic Midwifery	VEV125	Basic Midwifery	VEV120
Basic Midwifery practical	BEP 105	Basic Midwifery practical	BEP 105
Forensic Nursing	FOV 115	Forensic Nursing	FOV 110
Forensic Nursing	FOV 125	Forensic Nursing	FOV 120
Forensic Nursing practical	EOP 105	Forensic Nursing practical	EOP 105
Community Nursing	GMV115	Community Nursing	GMV 110
Community Nursing	GMV125	Community Nursing	GMV 120
Community Nursing practical	GMP105	Community Nursing practical	GMP 100
Gerontological Nursing	GEV115	Gerontological Nursing	GEV 110
Gerontological Nursing	GEV125	Gerontological Nursing	GEV 120
Gerontological Nursing	GRP105	Gerontological Nursing	GRP 100

Advanced Diploma 2002 modules	Codes	Advanced Diploma 1999 to 2001 modules	Codes
practical		practical	
Advanced Midwifery and Neonatology	GVV115	Advanced Midwifery and Neonatology	GVV 110
Advanced Midwifery and Neonatology	VNV125	Advanced Midwifery and Neonatology	VNV 120
Advanced Midwifery and Neonatology practical	GVP105	Advanced Midwifery and Neonatology practical	GVP 100
Child Psychiatric Nursing	KPV115	Child Psychiatric Nursing	KPV 110
Child Psychiatric Nursing	KPV125	Child Psychiatric Nursing	KPV 120
Child Psychiatric Nursing practical	KPP105	Child Psychiatric Nursing practical	KPP 100
Paediatric Nursing	KDV115	Paediatric Nursing	KDV 110
Paediatric Nursing	KDV125	Paediatric Nursing	KDV 120
Paediatric Nursing practical	KDP105	Paediatric Nursing practical	KDP 100
Critical Care Nursing (General)	KSV115	Critical Care Nursing (General)	KSV 110
Critical Care Nursing (General)	KSV125	Critical Care Nursing (General)	KSV 120
Critical Care Nursing (General) practical	KSP105	Critical Care Nursing (General) practical	KSP 100
Medical and Surgical Nursing	MCV115	Medical and Surgical Nursing	MCV 110
Medical and Surgical Nursing	MCV125	Medical and Surgical Nursing	MCV 120
Medical and Surgical Nursing practical	MCP105	Medical and Surgical Nursing practical	MCP 100
Operating Theatre Nursing	TNV 115	Operating Theatre Nursing	TNV 110
Operating Theatre Nursing	TNV 125	Operating Theatre Nursing	TNV 120
Operating Theatre Nursing practical	TNP 105	Operating Theatre Nursing practical	TNP 100
Primary Clinical Care Nursing	PKG115	Primary Clinical Care Nursing	PKG 110
Primary Clinical Care Nursing	PKG125	Primary Clinical Care Nursing	PKG 120
Primary Clinical Care Nursing practical	PKP105	Primary Clinical Care Nursing practical	PKP 100
Psychiatric Nursing	PSV115	Psychiatric Nursing	PSV 110
Psychiatric Nursing	PSV125	Psychiatric Nursing	PSV 120
Psychiatric Nursing practical	PVP105	Psychiatric Nursing practical	PVP 100

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	NGV126	Occupational Health Nursing	NGV125

Advanced University Diploma 2003 modules	Codes	Advanced University Diploma 2004 modules	Codes
II		II	
Basic Midwifery I	VEV 116	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

Advanced University Diploma 2005 module	Codes	Advanced University Diploma 2006 module	Codes
Trauma and Emergency Nursing Practical	TAV 105	Trauma and Emergency Nursing Practical	TAP 115 and TAP 125

Elective modules followed in the Advanced University Diplomas in 1999 to 2008 are replaced in 2009 with the following modules:

Advanced University Diploma (1999 to 2008 modules)	Codes	Advanced University Diploma 2009 modules	Codes
Nursing Education	VOV115 (20 credits)	Nursing Education	VOV116 (24 credits)
Nursing Education	VOV125 (20 credits)	Nursing Education	VOV126 (24 credits)
Nursing Education practical	OVP104 (16 credits)	Nursing Education practical	OVP105 (20 credits)

Reg. GH38.13 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 VEV 116 One three-hour paper	Unit 1 History of midwifery Current trends in midwifery Readiness for parenthood Unit 2 Applied anatomy and physiology (4) 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 VEV 126 One three-hour paper	Unit 1 Midwifery management and care in high-risk pregnancy High risk deliveries High risk puerperium (12) Unit 2 Midwifery management and care of the neonate at risk (12)	24
Occupational Health Nursing NGV 116 One three-hour paper	Unit 1 National, regional and local occupational health profile (4) Unit 2 Industrial hygiene (16) Unit 3 Legislation (4)	24
Occupational Health Nursing NGV126	Unit 1 Modalities of occupational health nursing	24

MODULES AND PAPERS	UNITS	CREDITS
One three-hour paper		
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 FAV 113 One three-hour paper	Unit 1 Introduction to pharmacology (4) 2 Drug types (8)	12
Forensic nursing FOV 116 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 FOV 126 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 GSB 113 One three-hour paper	Unit 1 The health care system in South Africa (4) 2 Management and management skills as a phenomenon in health care service delivery (8)	12
Health care management GSB 126 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 GSB 136 One three-hour paper	Unit 1 Public health care management (4) 2 Financial management in the public and private health care sectors (8) 3 Health care management for health care service delivery (12)	24
Health care and the Law GRV 123 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 GMV 116 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 Nursing GMV 126 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

MODULES AND PAPERS	UNITS	CREDITS
Gerontological Nursing GEV 116 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 GEV 126 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 GVV 116 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 VNV 126 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 IVV 112 One two-hour paper	Unit 1 Introduction to HIV and AIDS Health Care	8
Child Psychiatric Nursing KPV 116 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 KPV 126 One three-hour paper	Unit 1 Treatment modalities	24
Paediatric Nursing KDV 116 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 KDV 126 One three-hour paper	Unit 1 Paediatric nursing care in short and long term hospitalisation (16) 2 Community paediatric nursing care (8)	24

MODULES AND PAPERS	UNITS	CREDITS
Critical Care (General) KSV 116 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) KSV 126 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 MCV 116 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 MCV 126 One three-hour paper	Unit 1 Medical and surgical nursing care of patients with diseases of the endocrine and metabolic, neurological, gastrointestinal and genitourinary systems	24
HIV and AIDS Health Care VIV 118 Two two-hour papers	Unit 1 Introduction to HIV and AIDS Health Care (12) • 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 VIV 128 Two two-hour papers	Unit 1 HIV and AIDS treatment • Adult • Pregnant woman • Children	32
Research REV 114 One three-hour paper	Unit 1 Introduction to nursing research (4) 2 Research process (12)	16
Operating Theatre Nursing TNV 116 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	Unit 1 General surgical procedures (8)	24

MODULES AND PAPERS	UNITS	CREDITS
Nursing TNV 126 One three-hour paper	2 Urological, gynaecological, ophthalmological, ear, nose and throat surgery (8) 3 Neurosurgery, thoracic, mouth and jaw, plastic and reconstructive surgery and orthopaedic surgery (8)	
Educational Psychology OSV 114 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 OTV 116 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 OTV 126 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 PKG 116 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 PKG 126 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 PSV 116 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 PSV 126	Unit 1 The nursing care of adults with the following specific disorders:	24

MODULES AND PAPERS	UNITS	CREDITS
One three-hour paper	<p>Delirium, dementia and other cognitive disorders, eating disorders, sexual disorders, personality disorders, substance abuse (12)</p> <p>2 The nursing care of persons with mental disability (8)</p> <p>3 The nursing care of children with psychiatric disorders (4)</p>	
Sociology SOS 164 Formative assessment	<p>Unit 1 Introduction to labour relations: environmental factors that play a role in industrial relations</p> <p>2 Participants in the South African labour relations system</p> <p>3 Features of the South African labour market</p> <p>4 Labour relations in the workplace</p> <p>5 Collective bargaining and the rights of the worker</p> <p>6 Industrial democracy and worker participation</p> <p>7 Industrial action</p>	16

MODULES AND PAPERS	UNITS	CREDITS
Trauma and Emergency nursing TAV 116 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 TAV 126 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 VOV 116 One three-hour paper	Unit 1 Education legislation and outcome based education (5) 2 Curriculum/Program development a. Context: situation analysis (3) b. Foundation: mission and vision (2) c. 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 Outcome based education (4) d. Clinical teaching (4) e. Learner assessment (4) f. Clinical assessment (4) 2 Teaching management (2) 3 Quality assurance in Higher Education (4) 4 Program evaluation (2)	24

GENERAL

MAGISTER IN HEALTH PROFESSIONS EDUCATION (M. Health Professions Education)

240 Credits
Study code: 08702

Reg. GH39 REGULATIONS FOR THE DEGREE MAGISTER IN 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. GH39.1 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.

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.

A candidate must:

- (i) Work as a health professional, health care educator, researcher, or administrator; or
- (ii) Have at least one year's experience in health sciences education and training; or
- (iii) 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 this programme.

Reg. GH39.2 Duration of degree programme

The programme extends over one or two years (**240 credits**).

Reg. GH39.3 Curriculum

- (a) Option A: Module work (**120 credits**) plus a script (**120 credits**)
- (b) Option B: Dissertation (HPE 793) (**240 credits**)

Option A: Year 1:

Three modules on compulsory themes:

- HPE701 Introduction to Health Professions Education and Training
HPE702 Health Professions Education and Training: Teaching, learning and assessment in the pre-clinical, clinical and internship years
HPE703 Introduction to research in health professions

Three modules on optional (elective) themes:

- HPE704 Concepts of learning in health sciences
HPE705 Community-based education and training, primary health care, and the multi-disciplinary approach
HPE706 Programme development, design and assessment health professions education and training
HPE707 The development of professional skills in the health professions
HPE708 Management in health professions education and health care institutions
HPE709 Quality assurance in health professions education

Option A: Year 2:

Two compulsory modules:

- | | | |
|--------|--------------------------------------|-------------------------|
| HPE791 | Advanced research methodology (120c) | Last registration: 2008 |
| HPE792 | Research project script (120c) | Last registration: 2008 |

From 2009 (240c)

- HPE794 Research project and script

Reg. GH39.4 General: Option A

The module work commences on the second Wednesday of January. A module comprises scheduled contact time, followed by directed self-study.

Reg. GH39.5 Assessment

1. Competency will be proved by demonstration of stated outcomes to comply with standards set by the University and the Faculty. Efficiency and competence 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. GH39.6 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 modules. 75% is required for a distinction in the dissertation option.

Reg. GH39.7 Exit point

Candidates who have successfully completed the six modules of year one, may exit the programme with a **Postgraduate Diploma in Health Professions Education (study code 8202)**.

**Reg. GH40 REGULATIONS FOR THE DEGREE PHILOSOPHIAE DOCTOR
(HEALTH PROFESSIONS EDUCATION)**

Reg.GH40.1 Admission requirements

The General Requirements for doctoral 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) obtains in credit bearing short modules and/or scientific contributions in the field of education.

A candidate in possession of a doctorate plus an educational qualification will be admitted directly.

Reg. GH40.2 Thesis - HPE 900

- (a) A Faculty Committee will assess the proposed project. The title of the thesis will 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. GH40.3 Assessment

Assessment and moderation of the thesis will be done according to institutional requirements and guidelines for doctoral theses. 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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