

THE UNIVERSITY OF THE FREE STATE

FACULTY OF HEALTH SCIENCES

YEARBOOK

POSTGRADUATE DEGREES AND DIPLOMAS

2011



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FACULTY OF HEALTH SCIENCES
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VICE DEAN:
Vacant

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SCHOOL OF MEDICINE

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DEFINITIONS

To ensure clearness 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 and 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

The phrase 'failed module' refers to 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 percentage and whole number, 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/of 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 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 |
|--|--------------------------------|----------------|------|
| 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 Scientiae in Physiotherapy | M.Sc.(Physiotherapy) | 2 yrs | 8739 |
| Magister Scientiae in Physiotherapy | M.Sc.(Physiotherapy) | | |
| | (Clinical Sport Physiotherapy) | 2yrs | 8743 |
| 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 |
|--|---------------------|------------------|------|
| 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 |
| 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 Medicine (Family Medicine)..... | M Med (Fam)..... | 4 yrs | 8753 |
| Magister in Community Health..... | M.Med.(C.H.)..... | 4 yrs | 8730 |
| Magister in Medical Clinical Science in Transfusion Medicine..... | M.M.Clin.Sc | (Transfusion Medicine)..... | 2 yrs |
| | | | 8790 |

Doctor's Degrees:

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

Diplomas:

| | | | |
|--|--|-------------|------|
| Postgraduate Diploma in 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 University Diploma in Radiography (Diagnostic)..... | (A.D.R.D.)..... | 2yrs..... | 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 |
|---------------|---------------------|-------------------------|-------------|
|---------------|---------------------|-------------------------|-------------|

Advanced Degree:

| | | | |
|--|----------------|-------------|------|
| Baccalaureus of Advanced Nursing | B.Adv.Nur..... | 4 yrs | 2540 |
|--|----------------|-------------|------|

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. | | 2940 |
| Doctor Scientatis 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 |
|--|-------------------------------------|------------------|------|
| Diplomas: | | | |
| Postgraduate Diploma in Health Professions Education | | 1 yr | 8202 |
| Magister Degrees: | | | |
| Magister in Health Professions Education | M.(Health Professions Education) | 2 yrs | 8702 |
| Doctor's Degrees: | | | |
| Philosophiae Doctor (Health Professions Education)..... | Ph.D.(Health Professions Education) | 2 yrs | 8951 |

OFFICIAL ADDRESS

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

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

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

| |
|---|
| Note: Please indicate your student number on all correspondence to the University. |
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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 Regulation of the university apply *mutatis mutandis* to this faculty.

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

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

SCHOOL FOR ALLIED HEALTH PROFESSIONS

| | |
|---|------------------------|
| MAGISTER IN OCCUPATIONAL THERAPY | 240 Credits |
| M.Occupational Therapy | 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 post-graduate 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.

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

Reg. AGB2: REGULATIONS FOR THE DEGREE MAGISTER SCIENTIAE IN DIETETICS

Reg. AGB2.1: Admission requirements

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

- (a) Is in possession of the four-year integrated B.Sc. (Dietetics) degree from this University; or
- (b) Is in possession of a qualification recognised as equivalent by the Senate, provided that additional requirements may apply in this case;
- (c) Is registered as a Dietician with the Health Professions Council of South Africa (HPCSA).

Admission is subject to selection.

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

Reg. AGB2.2: Duration of the Degree programme

The programme extends over a minimum period of two years.

Reg. AGB2.3: Curriculum

Dissertation (Program A): 240 credits

Dissertation DET 700 (240C)

Structured (Program B): 240 credits

Extended script DET 791 (120 credits)

Module work consists of 4 modules (120 credits) which is compiled as follows :

Modules (Compulsary)

Research Methods DET 714 (16 credits)

Evidence based nutrition DET 709 (40 credits)

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

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

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

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

* Choice of module themes in consultation with studyleader.

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.

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

A student may enrol for the M. (Nutrition)-programme if:

- (a) In possession of a relevant B. degree; or
- (b) 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 4 modules (120 credits) which is compiled as follows :

Modules (Compulsary)

Research Methods VDG 714 (16 credits)

Evidence based nutrition VDG 709 (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)* SVD 728/748 (32 credits x 2)

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

* Choice of module themes in consultation with studyleader.

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.

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

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

Reg. 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 of 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.

MAGISTER IN OPTOMETRY
M.Optom. *DORMANT*

260 Credits
Study code 8701

**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 effectiveness 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

**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.

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, shall 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 (2) 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. M1 REGULATIONS FOR THE DEGREE BACCALAUREUS IN
MEDICAL SCIENCES HONORES**

Reg. M1.1 Admission requirements

Admission may be subjected to selection.

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. M1.2 Duration of the programme 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:

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

1. Anatomical Pathology *DORMANT*

Study code 8531

(i) Admission requirements

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

(ii) Curriculum

1. Laboratory technique.
2. Histochemistry and Immunohistology.
3. Electron microscopy.
4. Mechanisms of basic Pathology.

(iii) Assessment

Assessment on the prescribed disciplines is conducted as follows:
ANP601 One three-hour written paper.

Practical
One oral assessment.

(iv) Pass requirements

See General Regulation.

2. Anatomy and Cell Morphology

Study code 8530

(i) Admission requirements

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

Topics include Applied and Comparative Anatomy, Embryology, Biological Anthropology 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 Regulation.

3. Chemical Pathology

Study code 8533

(i) Admission requirements

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

(ii) Curriculum

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

(iii) Assessment

CHP601
Two three-hour assessment papers.
One practical assessment.
One oral assessment.
One thesis.

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

4 Pharmacology (Analytical/Clinical) Study code 8534

- (i) **Admission requirements**
B.Sc. or an equivalent qualification.

(ii) **Curriculum**

- Medical Pharmacology.
- Applied Pharmacology.
- Pharmacological Research methods
- Mini-dissertation (script)

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

(iii) **Assessment FRM601**

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 Regulation.

5. 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 in middle 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) shall have to do 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.

6. Medical Physiology

Study code 8536

(i) Admission requirements

- (a) The B.Med.Sc./B.Sc. or equivalent qualification with Physiology as major discipline.
- (b) The Head of 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.

7. Haematology and Cell Biology

Study code 8537

(i) Admission requirements

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 Regulation.

8. Immunology

Study code 8538

(i) Admission requirements

B.Med.Sc. or an equivalent qualification with an 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 Regulation.

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

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

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

| <u>Compulsory modules</u> | Credits |
|--|----------------|
| MKM601 Research Techniques | 16 |
| MKM602 Research; Project proposal/Literature study | 16 |
| MKM603 Research project | 40 |
| MKM604 Current research in Medical Bacteriology | 16 |
| MKM605 Current research in Virology | 16 |
| | |
| <u>Modules of choice</u> | |
| MBG604 Diagnostic molecular biology | 16 |
| MBG605 Applications of molecular biology in immunology | 16 |
| MKM606 <i>Capita selecta</i> | 16 |

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

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

(i) Admission requirements

- (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) 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 | <i>Capita selecta</i> | 16 |
| MBG608 | <i>Capita selecta</i> | 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 M2: 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. M2.1: Disciplines

The degree may be obtained in the following disciplines:

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

Remark

Regulations for the degrees Magister in Medicine (Family Medicine) and Magister in Medicine (Community Health) are respectively set forth under Reg.M5 and Reg.M6.

Reg. M2.2: Admission requirements

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

- have been in possession of the M.B.,Ch.B. degree from this University for a period of at least three years, or a qualification deemed equivalent by the University, and
- 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.
- 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

- At the end of the first year of study (five-year programmes, excluding Forensic Medicine and Clinical Pathology) and if Part I 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 (as regards 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. M2.3: 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. M2.4.

The maximum admissible period of exemption is 24 months.

Reg. M2.4: 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 M 2.6)
- (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 twelve 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. M2.5: 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 a M.Med. degree in this category a person must be registered at the UFS as student for five years.

Reg. M2.6: Curricula

The curricula for the various disciplines in which the student may obtain the degree M.Med. comprise the compulsory modules mentioned in Reg. M2.6.1., as well as the discipline-specific curriculum relevant major subject, basic subjects and subsidiary subjects as set forth in Reg. M2.6.2.

Reg. M2.6.1 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 (NAM701) and Comprehensive mini-dissertation (Research report)(NAM702):

NAM701 Research

- (i) Research module extends over the full course of the M.Med. Programme.
- (ii) Students must register for module NAM702 annually.
- (iii) The module NAM701 (research methodology) must be completed within the first 18 months.

(NAM701) Research methodology

Elucidation

- (i) A minimum attendance rate of 75% is required.
- (ii) In order to be admitted to NAM702 (Comprehensive mini-dissertation [Research report]) a student must have shown satisfactory attendance/progress in NAM701 (Research methodology).

(NAM702) 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 5 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 by means of attendance..
- (iii) Subjects such as medical ethics and rights, communication, practice management, information systems, relevant policy and orientation could be included in the syllabus.
- (iv) GPV703 will be offered in the first 24 months after registration as a student and must include orientation, ethics and rights, communication and practice management.

Reg M2.6.2 Discipline-specific curricula

The curricula of the various disciplines in which the M.Med. could be obtained comprise the compulsory modules mentioned in Reg. M2.6.1. as well as the relevant major subject, basic subjects and subsidiary subjects as set forth in Reg. M2.6.2.

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.

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

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

| | | | | |
|-----------------|-----------------|--------|---|-------------|
| Part I: | Basic Subjects: | ANP701 | Anatomical Pathology Approved facet of facets of CEP701, HEM701, MKM701, VIR701 en ANP701 (See Reg. M2.7.1) | 120 credits |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| Part II: | Major subject: | ANP890 | Anatomical Pathology | 284 credits |
| | | NAM702 | Comprehensive mini-dissertation | 64 credits |

Elucidation

- (i) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:

| | | |
|---------|--------------------|-------------|
| *CEP700 | Chemical Pathology | 175 credits |
| *HEM700 | Haematology | 175 credits |
| *MKM700 | Microbiology | 175 credits |

- (ii) *One or two of the abovementioned subjects may be offered in consultation with the Head of the Department(s) concerned.
- (iii) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, exemption from the University's Primary examination may be granted if the candidate has already passed the Primary examination of the College of Medicine of SA

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

(2) Anaesthesiology - M.Med.(Anaes.) **Study code 8704**

480 Credits (including compulsory general modules)

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

Elucidation

- (i) The portfolio, including the following, must be handed in before sitting for the final assessment:
1. Comprehensive mini-dissertation (NAM702 in terms of Reg. M2.6.1).
As alternative to the choices stated in Reg. M2.6.1., an article that had been accepted for publication in a recognised journal with peer-evaluation, and based on the stipulations for this module, will also be considered a Comprehensive mini-dissertation.
The Comprehensive mini-dissertation must be submitted 6 months prior to the final examination. If not, admission to the examination will be refused.
 2. Logbook
 3. Proof of training assignments completed, including attendance modules NAM701 Research Methodology and GPV703, as well as other assignments.
- (ii) Continuous evaluation 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?FCCode=08&DCCode=019>.

- (iv) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine Part I examination of the College for Anaesthesia receives recognition, but in addition to that, Chemical Pathology (GFN700) must also be passed before the final examination may be taken.

Residency (RES): Four years.

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

| | | | | |
|-----------------|-----------------|--------|--|-------------|
| Part I: | Basic subjects: | CEP701 | Chemical Pathology Approved facet of facets of CEP701, HEM701, MKM701, VIR701 and ANP701 (See Reg. M2.7.1) | 120 credits |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| Part II: | Major subject: | CEP890 | Chemical Pathology | 284 credits |
| | | NAM702 | Comprehensive mini-dissertation | 64 credits |

Elucidation

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

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

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

| | | | | |
|-----------------|---------------------|--------|---|-------------|
| Part I: | Basic subjects: | ANM700 | Anatomy | 60 credits |
| | | FFM700 | Physiology (Medicine) | 60 credits |
| | | APB700 | Anatomical Pathology | 60 credits |
| Part II: | Subsidiary subject: | NAM701 | Research Methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| | | CHR800 | General Surgical Principles including Intensive Care | 152 credits |

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

Elucidation

- (i) The Comprehensive mini-dissertation must be completed 6 months before the final examination is written, failing which admission to this examination will be denied.
- (ii) The Comprehensive mini-dissertation must be passed individually in order to obtain the degree.
- (iii) Continuous evaluation will count as part of the final assessment.
- (iv) Logbook – Candidates must keep a logbook in which all the surgical procedures performed or assisted are recorded. This logbook must be handed in before Part III of the examination is written.
- (v) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, exemption from the University's Primary examination may be granted if the candidate has already passed the Primary examination of the College of Medicine of SA. The same principle may apply to the Intermediate examination.

Residency (RES): Five years.

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

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

Elucidation

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

Residency (RES): Four years.

(6) Diagnostic Radiology – M.Med.(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 |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| Part III: | Major subject: | DIR890 | Diagnostic Radiology | 192 credits |
| | | NAM702 | Comprehensive mini-dissertation | 64 credits |

Elucidation

- (i) A detailed module guide fully describing the curricula, assessments and assessment requirements, research requirements, training duties, etc. is given to Registrars and they must accept this in writing.
- (ii) The Comprehensive mini-dissertation must be submitted not later than 6 months before the final assessment, failing which admission to the examination will be denied.
- (iii) Continuous evaluation will count as part of the final assessment.
- (iv) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, exemption from the University's Primary examination may be granted if the candidate has already passed the Primary examination of the College of Medicine of SA. The same principle may apply to the Intermediate examination.

Residency (RES): Five years.

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

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

Residency (RES): Five years, 2 years of which will be in Anatomical Pathology and 3 years in Forensic Medicine

Elucidation

The sequence of the residency periods will be decided on after consultation with the relevant heads of departments.

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

| | | | |
|-----------------|-----------------|--|-------------|
| Part I: | Basic subjects: | HEM701 Approved facet of facets of CEP701, HEM701, MKM701, VIR701 and ANP701 (See Reg.M2.7.1) | 120 credits |
| | | NAM701 Research methodology | 12 credits |
| | | GPV703 Health Care Practice | Attendance |
| Part II: | Major subject: | HEM890 Haematology | 284 credits |
| | | NAM702 Comprehensive mini-dissertation | 64 credits |

Elucidation

(i) Successful completion of the modules in Research Methodology (NAM701) and Health Care Practice (GPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702) is a prerequisite for conferment of the degree (See Reg. M2.6.1 as well).

(ii) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:

| | | |
|---------|--------------------|-------------|
| *CEP700 | Chemical Pathology | 175 credits |
| *HEM700 | Haematology | 175 credits |
| *MKM700 | Microbiology | 175 credits |

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

iv) On the recommendation of the Head of the Department and approval of the Executive Committee, School of Medicine Part I of the College of Pathologists (Haematology) of the Colleges of Medicine of South Africa is recognised as being equivalent to the M.Med.(Haemat.) Part I.

v) On the recommendation of the Head of the Department and approval of the Executive Committee, School of Medicine Part II of the College of Pathologists (Haematology) (FCPath Haem) of the Colleges of Medicine of South Africa is recognised as equivalent to HEM890. In order to obtain the degree M.Med.(Haemat.), a candidate must have satisfied the requirement of modules NAM701, NAM702 and GPV703. Permission to sit for the FCPath Haem Part II will be granted only after successful completion of NAM701, NAM702, and the attendance of GPV703.

- (vi) A detailed module guide fully describing the curricula, assessments and assessment requirements, research requirements, training duties, etc. is given to Registrars and they must accept this in writing.

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

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

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

Elucidation

- (i) The sequence of the residency periods will be determined after consultation with the head of 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 2 years after first registration as Registrar.
- (v) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine Part I of the assessment of the College of Physicians of South Africa is recognised as equivalent to the M.Med. (Int.) Part I, and candidates are encouraged to sit for the former.
- (vi) The topic for and nature of the Comprehensive mini-dissertation is determined in consultation with the head of the department.
- (vii) The Comprehensive mini-dissertation must ideally be submitted 6 months before the final assessment, failing which admission to the assessment might be denied.
- (viii) The final examination must be written as close as possible to the end of the residency period. On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine Part II of the assessment of the College of Physicians of South Africa is recognised as equivalent to the M.Med. (Int.) Part II should the candidate opt to write only this examination.
- (ix) The major subject and Comprehensive mini-dissertation must be passed individually before the degree can be conferred.

Residency (RES): Four years, at least 2 of which must be in General Internal Medicine

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

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

Elucidation

- (i) The sequence of the residency periods will be determined after consultation with the Head of the Department.
- (ii) A logbook must be kept.
- (iii) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, Part I & II of the assessment of the College of Cardiothoracic Surgeons of South Africa is recognised as equivalent to the M.Med. (Card.Thor.Surg.) Part I & II, and candidates are encouraged to sit for the former.
- (iv) The topic for and nature of the comprehensive mini-dissertation is determined in consultation with the Head of the Department.
- (v) The Comprehensive mini-dissertation must ideally be submitted 6 months before the final assessment, failing which admission to the assessment might be denied.
- (vi) The final examination must be written as close as possible to the end of the residency period. Part III of the assessment of the College of Cardiothoracic Surgeons of South Africa is recognised as equivalent to the final assessment of M.Med. (Card.Thor.Surg.) Part III should the candidate opt to write only this examination.
- (vii) The major subject and comprehensive mini-dissertation must be passed individually before the degree can be conferred.
- (viii) Admission to the final assessment can occur only after successful completion of Part I and II, as well as the submission of a Comprehensive mini-dissertation or a published article on own research.
- (ix) Continuous evaluation can count 30% of the final assessment.

Residency (RES): Five years.

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

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

Residency (RES): Four years.

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

| | | | |
|-----------|--------|---------------------------------|-------------|
| Subjects: | CEP700 | Chemical Pathology | 175 credits |
| | HEM700 | Haematology | 175 credits |
| | MKM700 | Microbiology | 175 credits |
| | NAM701 | Research methodology | 12 credits |
| | GPV703 | Health Care Practice | Attendance |
| | NAM702 | Comprehensive mini-dissertation | 64 credits |

A residency period of at least eighteen (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 twenty-four (24) months.

Elucidation

The successful completion of modules in Research Methodology (NAM701) and Health Care Practice (GPV703) as well as the completion of a Comprehensive mini-dissertation (NAM702) is a prerequisite for the conferment of the degree (See Reg. M2.6.1 as well).

Residency (RES): Five years.

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

| | | | | |
|----------------|-----------------|--------|--|-------------|
| Part I: | Basic subjects: | MKM701 | * Approved facet of facets of CEP701, HEM701, MKM701 and VIR701 (See Reg.M2.7.1) | 120 credits |
| | | NAM701 | 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 | Comprehensive mini-dissertation | 64 credits |

Elucidation

- (i) A rotation period of 6 months in Medical Virology is a prerequisite, after which an examination in Medical Virology is written as part of continuous evaluation.
- (ii) Successful completion of the modules in Research Methodology (NAM701) and Health Care Practice (GPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702) is a prerequisite for the conferment of the degree (See Reg. M2.6.1 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 |

- (v) On the recommendation of the Head of the Department and the approval by the Executive Committee, School of Medicine, exemption from the Primary examination of the University may be granted on condition that the Primary examination of the College of Medicine of SA has already been passed.

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.

(14) Neurosurgery – M.Med.(Neur.Surg.) **Study code 8717**

600 Credits (including compulsory general modules)

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

Elucidation

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

| | | | | |
|-----------------|---------------------|--------|--|-------------|
| Part II: | Subsidiary subject: | CHR800 | General Surgical principles including Intensive Care | 152 credits |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |

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

Elucidation

- (i) A critical academic analysis of at least 3 peer-evaluated publications in Neurosurgical scientific journals is essential before the degree can be conferred (See Reg. M2.6.1).
- (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 (3) months each in Critical Care, Orthopaedics (Spinal Unit) and Trauma.

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

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

Elucidation

- (i) The curriculum for Part I and II is determined by the Head of 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 and approval of the Executive Committee, School of Medicine, 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 Comprehensive mini-dissertation (NAM702, Reg. M2.6.1).
- (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. M2.3), or certification by the head of the department of such experience.

| (16) Obstetrics and Gynaecology – M.Med.(O. et G.) | | | | Study code 8719 |
|---|---------------------|--------|--------------------------------------|------------------------|
| 600 Credits (including compulsory general modules) | | | | |
| Part I: | Basic subjects: | ANM700 | Anatomy | 60 credits |
| | | FFM700 | Physiology (Medicine) | 60 credits |
| Part II: | Subsidiary subject: | OBG800 | Skills in Obstetrics and Gynaecology | 60 credits |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| Part III: | Major subject: | OBG890 | Obstetrics and Gynaecology | 344 credits |
| | | NAM702 | Comprehensive mini-dissertation | 64 credits |

Elucidation

- (i) A logbook must be kept throughout all the years of study.
- (ii) Part I of the assessment must be passed within 18 months after commencement of residency.
- (iii) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, Part I of the assessment of the College for Obstetricians and Gynaecologists of South Africa (COGSA) is recognised as equivalent to the M.Med (O. et G.) Part I (ANM700 and 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) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, 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

(17) 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 |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| Part II: | Major subject: | OFT890 | Ophthalmology | 164 credits |
| | | NAM702 | Comprehensive mini-dissertation | 64 credits |

Elucidation

- (i) An externally evaluated comprehensive mini-dissertation (NAM 702 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 6 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 2 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.

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

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

Elucidation

- (i) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, exemption from the University's Primary examination may be granted if the candidate has already passed the Primary examination of the College of Medicine of SA. The same principle may apply to the Intermediate examination.
- (ii) Part II and III of the assessment involve external evaluation.
- (iii) A logbook of standard format is compulsory.
- (iv) A comprehensive mini-dissertation (NAM702) is compulsory and is evaluated externally. This could comprise any of the choices stated in Reg. M2.6.1, provided that a publication in a recognised journal would also be adequate.
- (v) Part III of the assessment includes oral examinations in Orthopaedic Pathology and Orthopaedic Radiology.
- (vi) Passing the clinical examination individually is a prerequisite for passing Part III.

Residency (RES): Five years.

(19) Otorhinolaryngology - M.Med.(Orl.) **Study code 8723**

480 Credits (including compulsory general modules)

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

Elucidation

- (i) An acceptable comprehensive mini-dissertation in terms of Reg. M2.6.1 is compulsory and will be evaluated externally.
- (ii) Continuous evaluation of clinical and surgical skills, as well as theoretical knowledge will be done by the Department of Otorhinolaryngology. Results will be submitted to external assessors together with the results of Part I and II of the assessment (when applicable). Completion of Part III of the assessment is subject to the approval of the above evaluation; however, this will not contribute to the final assessment mark.
- (iii) A logbook is compulsory and its format standardised.
- (iv) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, exemption from the M.Med. (Orl.) Part I on the basis of successful completion of the College of Medicine Part I applies.

Residency (RES): Four years.

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

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

Elucidation

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

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

Elucidation

- (i) The compulsory general modules in Health Practice (GPV700), Research Methodology (NAM701) and the Comprehensive mini-dissertation (NAM702) must be completed in terms of Reg. M2.6. before Part II can be written.
- (ii) PED890 involves the principles and practice of paediatrics and child health.

Residency (RES): Four years.

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

| | | | | |
|------------------|---------------------|--------|---|-------------|
| Part I: | Basic subjects: | ANM700 | Anatomy | 60 credits |
| | | FFM700 | Physiology (Medicine) | 60 credits |
| | | APB700 | Anatomical Pathology General Principles | 60 credits |
| Part II: | Subsidiary subject: | CHR800 | General Surgical Principles including Intensive Care | 152 credits |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| Part III: | Major subject: | PUP890 | Plastic Surgery | 192 credits |

NAM702 Comprehensive
mini-dissertation 64 credits

Residency (RES): Five years.

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

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

Elucidation

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

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

Detailed information on the curriculum is available at the head of the department.

Residency (RES): Four years.

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

| | | | |
|-----------------|----------------------|---------------------------------|------------|
| Part I: | Basic subjects: | ANM700 Anatomy | 60 credits |
| | | FFM700 Physiology (Medicine) | 60 credits |
| | | GFR700 Medical Physics (Rad.T.) | 60 credits |
| Part II: | Subsidiary subjects: | PAT801 Pathology | 60 credits |
| | | RBO800 Radiobiology (including | |

| | | | |
|------------------|--------|---|-------------|
| | | Medical Statistics) | 30 credits |
| | NAM701 | Research methodology | 12 credits |
| | GPV703 | Health Care Practice | Attendance |
| Part III: | NAM702 | Comprehensive mini-dissertation | 64credits |
| Major subject: | OKT890 | Oncotherapy (including Radiotherapy, Cancer, Chemotherapy and Radio-isotopes) | 134 credits |

Elucidation

- (i) A Comprehensive mini-dissertation (NAM702) must be submitted before Part III of the examination may be written.
- (ii) A maximum of 2 attempts each will be permitted for assessment of Part I and II.

Residency (RES): Four years.

(24) Urology - M.Med.(Urol.) **Study code 8728**

600 Credits (including compulsory general modules)

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

Elucidation

- (i) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, exemption from the University's Primary examination may be granted if the candidate has already passed the Primary examination of the College of Medicine of SA. The same principle may apply to the Intermediate examination, 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.
- (ii) During the five-year residency period, each candidate is expected to deliver at least one presentation at the annual Faculty Forum.
- (iii) 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.

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

| | | | | |
|----------------|-----------------|---------|--|-------------|
| Part I: | Basic subjects: | *MKM700 | Microbiology | 175 credits |
| | | VIR701 | Virology | |
| | | | Approved facet of facets of CEP701, HEM701, MKM701, VIR701 and ANP701 (See Reg.M2.7 1(e)) | 120 credits |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |

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

| | | | | |
|-----------------|----------------|--------|------------------------------------|-------------|
| Part II: | Major subject: | VIR890 | Virology | 284 credits |
| | | NAM702 | Comprehensive mini-dissertation | 64 credits |

Elucidation

- (i) A rotation period of 6 months in Medical Microbiology is a prerequisite, after which an examination in Medical Microbiology will be written as part of continuous evaluation.
- (ii) The successful completion of the modules in Research Methodology (NAM701) and Health Care Practice (GPV703), as well as the completion of a Comprehensive mini-dissertation (NAM702) is a prerequisite for the conferment of the degree (See Reg. M2.6.1. as well).
- (iii) The topic for the Comprehensive mini-dissertation will be determined in consultation with the head of the department.
- (iv) On the recommendation of the Head of the Department and approval by the Executive Committee, School of Medicine, exemption from the University's Primary examination may be granted if the candidate has already passed the Primary examination of the College of Medicine of SA. The same principle may apply to the Intermediate examination

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

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

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|-----------------|-----------------|--------|---|-------------|
| Part I: | Basic sciences: | MGN800 | Medical Genetics (basic sciences) | 142 credits |
| | | SIL709 | Psychology (counselling skills) | 60 credits |
| | | NAM701 | Research methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| Part II: | Major subject: | MGN890 | Medical Genetics (clinical applications) | 202 credits |
| | | NAM702 | Comprehensive mini-dissertation | 64 credits |

Elucidation

- (i) The curriculum for Part I and II is determined by the 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. M2.6.1). 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. M2.3).

Residency (RES): Four years.

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|---|------------------------|
| (27) Paediatric Surgery – M.Med. (Paed.Surg.) | Study code xxxx |
| 600 Credits (including compulsory general modules) | |

Subjected to approval of the Department of Higher Education and Training.

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|------------------|---------------------|--------|--|-------------|
| Part I: | Basic subjects: | ANM700 | Anatomy | 60 credits |
| | | FFM700 | Physiology (Medicine) | 60 credits |
| | | APB700 | Anatomical Pathology | 60 credits |
| Part II: | | NAM701 | Research Methodology | 12 credits |
| | | GPV703 | Health Care Practice | Attendance |
| | Subsidiary subject: | CHR800 | General Surgical Principles, including Intensive Care | 152 credits |
| Part III: | | NAM702 | Comprehensive mini-dissertation | 64 credits |
| | Major subject | PCH890 | Paediatric Surgery | 192 credits |

Elucidation

- (i) The research report must be completed 6 months before the final examination is written, failing which will result in admission to the examination being denied.
- (ii) The research report must be passed individually in order to obtain the degree.
- (iii) Continuous evaluation will count as part of the final assessment.

- (iv) Logbook – candidates must keep a logbook in which all the surgical procedures performed or assisted are recorded. This logbook must be handed in before the Part III examination is written.
- (v) On recommendation from the Head of Department and approval of the Executive Committee, School of Medicine, exemption from the University's Primary examination could be rendered, if the College of Medicine (SA) Primary examination has already been passed. The same principle could be applied for the Intermediary examination.

Residency (RES): Five years

Reg. M2.7: 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 (required form) 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). M.Med. (Haemat.): Part I of the College of Pathologists (Haematology) of the Colleges of Medicine of South Africa is recognised as being equivalent to the M.Med. (Haemat.) Part I assessment.
- (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 shall 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 the said assessment, he/she shall 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 2 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, 6 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 2 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 I 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 and approval of the Executive Committee, School of Medicine, after being satisfied that the student has passed an equivalent assessment at an institution recognised by the University.

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. (D.Rad.): 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.), (Med.Microb.), (Haemat.), (Anat.Path.) and (Med.Virol.): 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. M2.6.1(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 2 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 II of the College of Dermatology of South Africa (FCDerm) is recognised as equivalent of the final assessment of DER890. In order to obtain the degree M.Med. (Derm.), the candidate must pass the examination in PLH890, as an equivalent examination is not offered by the College at present. Permission to write FC(Derm) Part II will only be granted after successful completion of PLH890.
- (l) Part II of the College of Pathologists (Haematology) (FCPath Haem) of the Colleges of Medicine of South Africa is recognised as equivalent to HEM890. In order to obtain the degree M.Med.(Haemat.), a candidate must have satisfied the requirements of modules NAM701, NAM702 and GPV703. Permission to sit for the FCPath Haem Part II will be granted only after successful completion of NAM701 and NAM702, and the attendance of GPV703.

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. (D.Rad.) 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. M2.8: 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. M2.9: 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. M2.10: 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. M2.11: 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 fulltime 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;
- (e) has successfully completed the assessments, including the comprehensive mini-dissertation in accordance with the requirements of the relevant M.Med programme.

Reg. M3 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. M3.1 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 3 semesters after registration unless the Senate, on the recommendation of the Faculty, grants special leave thereto.

Reg. M3.2 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. M3.3 Curriculum

1. 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 Regulation.

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 Regulation.

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.

3. Medical Physics (Dissertation)

Study code 8738

Admission requirements:

Admission to the programme is subject to recommendation by the programme head. A student must be in possession of a B.Med.Sc.(Hons) degree in Medical Physics or an equivalent qualification. Suitable prior learning and experience will be taken into account for admission.

Composition:

| | | |
|--------|--------------|-------------|
| BFK700 | Dissertation | 200 credits |
|--------|--------------|-------------|

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 Regulation.

**Reg. M4 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. M4.1 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 as well as community service.

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

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

Reg. M4.2 Duration

The programme extends over 3 years (300 credits)

Reg. M4.3 Curriculum

Module work: 180 credits

Research (research project and module work): 120 credits

Clinical learning; CLL705 extends over 3 years

Research project: RPJ791 extends over 3 years

Year organisation:

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 (Continuation 20 credits of 100 credits) Code: CLL 705
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project (Continuation 20 credits of 100 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 (Continuation 20 credits of 100 credits) Code: CLL 705
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project (Continuation 40 credits of 100 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: (Continuation 60 credits of 100 credits) Code: CLL 705
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project: (Continuation 40 credits of 100 credits) Code: RPJ 791
 - Writing and completion of research project

Reg. M4.4 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. M4.5 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 effectiveness in the achievement of stated outcomes and general performance in sports and exercise medicine and as researcher will be assessed. Students will be required to offer proof of competency through various means, including case portfolios, discussions, assignments, practical demonstrations and 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 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. M4.6 Promotion and distinctions

students who obtain a module mark of 65% or more in the first or second year may be promoted for that module to the next year without having to sit for a formal examination. However, students with a module mark of 65% or more will be allowed to, should they wish, take the examination to improve their marks or obtain a distinction. The Master's degree is awarded with distinction if the student obtains a final average of 75% in the third year, and a minimum of 70% in each of the modules over three years, and the research project is completed within the prescribed time.

M. SPORTS MEDICINE

UFS SCHOOL OF MEDICINE

Programme Planner: Dr L Holtzhausen

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|---|--|--|
| <p>DURATION 3 YEARS 9 MODULES + 3 CLINICAL LEARNING MODULES + RESEARCH PROJECT</p> <p>YEAR 1: CLINICAL LEARNING: 1 MODULE</p> <ul style="list-style-type: none"> RESEARCH PROJECT: PROTOCOL 3 MODULES: RESEARCH METHODOLOGY BASIC MEDICAL SCIENCES EXERCISE PHYSIOLOGY <p>YEAR 2: CLINICAL LEARNING: 1 MODULE</p> <ul style="list-style-type: none"> RESEARCH PROJECT: LITERATURE STUDY AND EMPIRICAL RESEARCH CLINICAL EXERCISE MEDICINE APPLIED SCIENCES CLINICAL SPORTS MEDICINE | <p>YEAR 3:</p> <ul style="list-style-type: none"> CLINICAL LEARNING: 1 MODULE RESEARCH PROJECT: - FINAL RESEARCH PROJECT AND PUBLISHABLE ARTICLES - PRESENTATION OF RESEARCH SPORTS INJURIES ORTHOAEDICS <p>CLINICAL LEARNING MODULES:</p> <ol style="list-style-type: none"> CONTACT SESSIONS CASE STUDIES AND PRESENTATIONS CLINICAL SKILLS DEVELOPMENT <p>MODULES DIRECTED SELF STUDY FOLLOWED BY CONTACT SESSIONS</p> | <p>EVALUATION:</p> <ol style="list-style-type: none"> 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 <p>MAGISTER DEGREE: 300 CREDITS LEARNING CREDITS: 200 RESEARCH CREDITS: 100</p> |
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100 CREDITS: MODULES: 40C RESEARCH: METHODOLOGY & PROTOCOL: 40C (20 + 20) CLINICAL LEARNING: 20C

1ST YEAR

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| <p>RESEARCH METHODOLOGY 20C Code: NAV 105</p> <p>RESEARCH PROJECT 20C Code: RPJ 791</p> | <p>BASIC MEDICAL SCIENCES 20C Code: BCS 705</p> <ul style="list-style-type: none"> APPLIED ANATOMY EXERCISE BIOCHEM INTRO TO BIOMECHANICS | <p>EXERCISE PHYSIOLOGY 20C Code: EXP 705</p> <ul style="list-style-type: none"> MUSCLE CVS RESPIRATORY | <p>CLINICAL LEARNING 20C Code: CLL 705</p> <ul style="list-style-type: none"> PATIENT LOGBOOKS PATIENT PRESENTATIONS ACADEMIC DISCUSSIONS SASMA ATTENDANCE CLINICAL SKILLS UNIT EXAM TECHNIQUES |
|---|--|---|---|

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

MODULES:

2ND YEAR

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|--|--|---|--|
| <p>CARDIOPULMONARY SYSTEM 8C Code: CPS 704</p> <ul style="list-style-type: none"> CARDIOLOGY PULMONOLOGY | <p>CLINICAL EXERCISE MEDICINE 8C Code: EXM 703</p> <ul style="list-style-type: none"> DERMATOLOGY ONCOLOGY OBS & GYNAE NEUROLOGY RHEUMATOLOGY PAEDIATRICS ENDOCRINOLOGY GASTROENTEROLOGY NEPHROLOGY | <p>APPLIED SPORTS MEDICINE 12C Code: ASM 703</p> <ul style="list-style-type: none"> HAEMATOL & IMMUN FLUID BALANCE SPORTS NUTRITION PHARMACOLOGY & ERGOGENICS PRINCIPLES OF ORTHO REHAB PRINCIPLES OF EXERCISE PRESCRIPTION | <p>CLINICAL SPORTS MEDICINE 12C Code: CSP 703</p> <ul style="list-style-type: none"> EMERGENCY SPORTS MEDICINE ELITE ATHLETE ENVIRONMENTAL SPORTS MEDICINE DIVING MEDICINE AVIATION MEDICINE PSYCHOLOGY MYOLOGY |
| <p>RESEARCH PROJECT Code: RPJ 792 40C LITERATURE STUDY AND EMPIRICAL</p> | | <p>CLINICAL LEARNING 20C Code: CLL 705</p> | |

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

MODULES:

3RD YEAR

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|---|--|---|---|
| <p>CLINICAL SPORTS MEDICINE 12C Code: CSM 703</p> <ul style="list-style-type: none"> INTRODUCTION PREVENTION RADIOLOGY PODIATRY | <p>ORTHOAEDIC SPORTS MEDICINE 28C Code: OSG 705</p> <ul style="list-style-type: none"> MUSCLE AND SOFT TISSUE INJURIES BONE AND BONE STRESS KNEE LOWER LEG | <ul style="list-style-type: none"> ANKLE AND FOOT HIP AND PELVIS SPINAL COLUMN | <ul style="list-style-type: none"> SHOULDER ELBOW AND FOREARM WRIST AND HAND |
| <p>RESEARCH PROJECT 40C Code: RPJ 792</p> | <p>WRITING OF RESEARCH PROJECT/ARTICLES ORAL ASSESSMENT</p> | <p>CLINICAL LEARNING 20C Code: CLL 705</p> | |

Reg M5 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. M5.1 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. M5.2 Duration of the Degree Programme

The duration of training extends over four years of which a minimum of three years shall be in an accredited registrar post. Exemption for the first year may be considered on recommendation of the Head of the Department and approval of the Executive Committee, School of Medicine.

Reg. M5.3 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;
- (d) successfully completed the prescribed University assessment - written, oral, logbooks, portfolios, practical and/or clinical - as prescribed.

Reg. M5.4 Curriculum

(a) Elective modules

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

| | |
|-----|---|
| MAH | Woman's health |
| CNH | Neonatal and Child Health care |
| PAL | Palliative care |
| EME | Accident and emergency care |
| CFM | Clinical Forensic medicine |
| PHC | Primary Health Care including TB,STD and HIV |
| SAC | Procedural skills including surgery, anaesthesiology and medical procedures |
| DIS | Dispensing |

(b) Part I

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

Plus:

Any three of the following selected choice modules:

- MAH891 (8C) Woman'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) Comprehensive mini-dissertation (Continuation)

- GEG892 (4C) Family Health (Continuation)

Plus:

The three selected choice modules in part I

- MAH892 (8C) Woman'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)
Comprehensive mini-dissertation (Continuation)

Plus:

The three selected choice modules in part I

MAH893 (8C) Woman'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 selected choice modules in part I

MAH894 (24C) Woman's health
CNH894 (24C) Neonatal and Child Health care
PAL894 (24C) Palliative care
EME894 (24C) Accident and emergency care
CFM894 (24C) Clinical Forensic medicine
PHC894 (24C) Primary Health Care including TB,STD and HIV
SAC894 (24C) Procedural skills including surgery, anaesthesiology and
medical procedures
DIS894 (24C) Dispensing

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

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

Reg. M5.5 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 Department and final approval of the Executive Committee, School of Medicine.

Students who have successfully completed the College of Family Physicians (CMSA) Part I of the FCFP examination may be credited for the Part III assessment towards the MMed.(Fam) of the University of the Free State with recommendation of the Head of the Department and final approval of the Executive Committee, School of Medicine.

Reg. M5.6 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 weighted combined average percentage of 75% in the following disciplines:

| | |
|---|---|
| KHA800/890 | Clinical Family Medicine |
| GEG891/892/893 | Family Health |
| PRV801/802 | Practice Management |
| SKR891/892/893/894 | Comprehensive mini-dissertation |
| Plus the three selected elective (choice) modules: | |
| MAH891/892/893/894 | Woman's health |
| CNH891/892/893/894 | Neonatal and Child Health care |
| PAL891/892/893/894 | Palliative care |
| EME891/892/893/894 | Accident and emergency care |
| CFM891/892/893/894 | Clinical Forensic medicine |
| PHC891/892/893/894 | Primary Health Care including TB,STD and HIV |
| SAC891/892/893/894 | Procedural skills including surgery, anaesthesiology and medical procedures |
| DIS891/892/893/894 | Dispensing |

- (c) Assessment in KHA890 comprises an OSCE, written paper 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. Both the written examinations, OSCE and continuous evaluation must be passed individually in order to pass the elective modules.

Reg. M5.7 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. In exceptional cases may the Head of the School of Medicine give permission for leave of absence, provided that the student has made prior arrangements with the Head of the School. A student who failed to write an assessment without a sufficient reason or prior arrangement does not qualify for a special assessment.

Reg M6 REGULATIONS FOR THE DEGREE MASTER OF COMMUNITY HEALTH

Reg. M6.1 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. M6.2 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 above-mentioned 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 **if** the student is officially appointed in an approved registrar post and registered for the MMED degree at this university.

Two (2) 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. M6.3 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. M6.4 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. M6.5 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.M6.3 and M6.4. The maximum permissible period of exemption is 24 months.
- (b) Exemption from the modules in Part I may be recommended by the Head of the Department and approved by the Executive Committee, School of Medicine.

Reg. M6.6 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.

Reg. M7: REGULATIONS FOR THE DEGREE MASTER IN MEDICAL CLINICAL SCIENCES IN TRANSFUSION MEDICINE

Reg. M7.1: Admission requirements

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

- a) Comply with both the stipulations of the General Regulations for Master's degrees and the regulations of the Faculty of Health Sciences.
- b) Be in possession of a Bachelor's degree in Medicine and a Bachelor's degree in Surgery, or its equivalent.
- c) Be in possession of the Postgraduate Diploma in Transfusion medicine or equivalent.
- d) 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.

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. M7.2: Duration of the programme

The programme extends over a minimum period of two years.

Reg. M7.3: Curriculum

Dissertation TMO700

Reg. M7.4: 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. M7.5 Pass requirements

See General Regulations.

Reg. M7.6 Re-assessment

See General Regulations.

Reg. M8 REGULATIONS FOR THE DEGREE 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.

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

| | |
|-----------------------------------|------------------------------------|
| Anaesthesiology | Medical Physics |
| Anatomical Pathology | Medical Physiology |
| Anatomy and Cell Morphology | Neurology |
| Biostatistics | Neurosurgery |
| Cardiology | Nuclear Medicine |
| Cardiothoracic Surgery | Obstetrics en Gynaecology |
| Chemical Pathology | Ophthalmology |
| Clinical Radiobiology/Oncotherapy | Orthopaedic Surgery |
| Community Health | Otorhinolaryngology |
| Critical Care | Radiographic Sciences |
| Dermatology | Radiation Oncology |
| Diagnostic Radiology | Paediatrics |
| Family Medicine | Pharmacology (Analytical/Clinical) |
| Forensic Medicine | Plastic Surgery |
| Haematology and Cell Biology | Psychiatry |
| Human Molecular Biology | Surgery |
| Internal Medicine | Urology |
| Medical Microbiology/Virology | |

Module code: 901

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

See Reg.M6.

Reg. M9 REGULATIONS FOR THE DEGREE OF DOCTOR IN MEDICINE (M.D.)**Reg. M9.1 Admission requirements**

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

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

| | |
|-----------------------------------|------------------------------------|
| Anatomical Pathology | Medical Physics |
| Anatomy and Cell Morphology | Medical Physiology |
| Anaesthesiology | Neurology |
| Biostatistics | Neurosurgery |
| Cardiology | Nuclear Medicine |
| Cardiothoracic Surgery | Obstetrics and Gynaecology |
| Chemical Pathology | Ophthalmology |
| Clinical Radiobiology/Oncotherapy | Ortopedic Surgery |
| Community Health | Otorhinolaryngology |
| Critical Care | Paediatrics |
| Dermatology | Pharmacology (Analytical/Clinical) |
| Diagnostic Radiology | Plastic Surgery |
| Family Medicine | Psychiatry |
| Forensic Medicine | Radiation Oncology |
| Haematology and Cell Biology | Surgery |
| Internal Medicine | Urology |
| Medical Microbiology/Virology | |

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.

DOCTOR SCIENTIAE
D.Sc.

360 Credits
Study code 8940

Reg. M10

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. M11 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN ENDOCRINOLOGY

Reg. M11.1 Admission requirements

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

Reg. M11.2 Duration of programme

Two years full-time.

Reg. M11.3 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. M11.4 Curriculum

The principles and practice of Clinical Endocrinology are dealt with.

Year 1: Advanced Endocrinology AEI501

Year 2: Advanced Endocrinology AEI502

Reg. M11.5 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. M12 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN GASTROENTEROLOGY

Reg. M12.1 Admission requirements

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

Reg. M12.2 Duration of programme

Two years full-time.

Reg. M12.3 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. M12.4 Curriculum

The principles and practice of Clinical Gastroenterology are dealt with.

Year 1: Advanced Gastroenterology AVG501

Year 2: Advanced Gastroenterology AVG502

Reg. M12.5 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. M13 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN GERIATRIC MEDICINE

Reg. M13.1 Admission requirements

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

Reg. M13.2 Duration of programme

Two years full-time

Reg. M13.3 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. M13.4 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. M13.5 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. M14 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN NEPHROLOGY

Reg. M14.1 Admission requirements

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

Reg. M14.2 Duration of programme

Two years full-time

Reg. M14.3 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. M14.4 Curriculum

The principles and practice of Clinical Nephrology are dealt with.

Year 1: Advanced Nephrology ANI501

Year 2: Advanced Nephrology ANI502

Reg. M14.5 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. M15 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN PULMONOLOGY

Reg. M15.1 Admission requirements

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

Reg. M15.2 Duration of programme

Two years full-time

Reg. M15.3 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. M15.4 Curriculum

The principles and practice of Clinical Pulmonology are dealt with.

Year 1: Advanced Pulmonology API501

Year 2: Advanced Pulmonology API502

Reg. M15.5 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. M16 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN CLINICAL HAEMATOLOGY

Reg. M16.1 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. M16.2 Duration of programme

Two years full-time

Reg. M16.3 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;
- (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. M16.4 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. M16.5 Assessment

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

Reg. M16.6 Pass with honours

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

Reg. M16.7 Reassessment

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

Reg. M16.8 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. M16.9 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. M17 **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. M17.1 **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) 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 annually be admitted per study direction.

Reg. M17.2 **Duration of programme**

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

Reg. M17.3 **Curriculum**

First semester:

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

Second semester:

IUD502 Endovascular intervention 2
GII502 Gastro-intestinal intervention

Reg. M17.4 **Assessment**

1 x 3-hour question paper per semester
Oral - second semester
Logbook - second semester

Reg. M17.5 **Pass requirements**

See General Regulations

Reg. M18: 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. M18.1: 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. M18.2: 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. M18.3 Duration of the course

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

Reg. M18.4 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. M18.5: 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. M18.6: 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. M18.7: Pass requirements

The General Regulations apply.

Reg. M19 REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY

Reg. M19.1 Admission requirements

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

Reg. M19.2 Duration of programme

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

Reg. M19.3 Curriculum

- (a) Assignments (Clinical Pharmacology and Clinical Toxicology)
- (b) Case reports
- (c) Script/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. M19.4 Assessment

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

- 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 of script /dissertation 30%

Total mark: 100%

Reg. M19.5 Pass requirements

See General Regulations.

Reg. M20: REGULATIONS FOR THE POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE

Reg. M20.1: Admission requirements

Before a learner 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. M20.2: Duration of the programme

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

Reg. M20.3: Curriculum

Part I

- (i) TMO504 Organization 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. M20.4: 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 learner passes with honours if an assessment mark of at least 75% is obtained. See General Regulations for pass requirements.

Reg. M20.5: Re-assessment

In accordance with stipulations of the General regulations, learners 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. M21: 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. M21.1: 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. M21.2: Duration of diploma programme

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

Reg. M21.3: 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. M21.4: Curriculum

First Semester

APS501 Applied Physics
RAR501 Radiographic Anatomy/Physiology/Pathology

Second Semester

RTR502 Radiographic Practice
PCR502 Clinical Radiographic Practice

Reg. M21.5: 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.

**Reg. M22 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN
OCCUPATIONAL HEALTH**

Reg. M22.1 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 (SADC) for the registration as students for this diploma course are:

Medical practitioners should be registered for post-graduate 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 Province and candidates currently employed in an Occupational Health setting.

Reg. M22.2 Duration of the programme

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

Reg. M22.3 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. M22.4 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 had obtained 75% or higher in the assessment in each individual module. See General Regulation (Advanced and Postgraduate Qualifications) for pass requirements.

Reg. M22.5 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.

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

**240 Credits
Study code 8230**

Reg. M23 REGULATIONS FOR THE ADVANCED UNIVERSITY DIPLOMA IN COMMUNITY HEALTH

Reg. M23.1 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; namely Medicine, Nursing or Environmental Health for a period of at least two years, and he/she must be registered as a medical practitioner, nurse or environmental health officer with the relevant professional board.

Reg. M23.2 Duration of the programme

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

Reg. M23.3 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)

Part II

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

Reg. M24.4 Assessment

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

Reg. M24.5 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. M24.6 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 of fundamental, elective and core modules.

Reg. V1.1 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.

Admission requirements apply with regard to options A and B (see Regulation GH 30.4)

Reg. V1.2 Recognition of prior learning

Prior learning is recognized:

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

Reg. V1.3 Duration of the program

The program extends over at least two academic years.

Reg. V1.4 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 pre-graduate 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 specialization.

Reg. V1.5 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. V1.6 Exits

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

Reg. V1.7 Offering of clinical fields of specialization

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

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

Reg. V1.8 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. V1.9 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 hours paper) | 1. Fundamental critical care (12) 2. Respiratory critical care (6) 3. Cardiovascular and thorax critical care (6) | 24 |
| Critical Care Nursing (One 3 hours 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 hours 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 hours paper) | 1. Health care systems (4) 2. Community nursing (12) 3. Management of health care systems (4) | 20 |
| Community Nursing (One 3 hours paper) | 1. Health care models (4) 2. Individual, family and community pathology (12) 3. Specialized nursing care (4) | 20 |
| Community Nursing (One 3 hours paper) | 1. Research modalities in community nursing | 20 |
| Gerontological Nursing (One 3 hours paper) | 1. Demography of the aged population and the ageing process (8) 2. Psychosocial aspects of the ageing process (8) | 24 |

| MODULES AND EXAMINATION PAPERS | Units | Credits |
|---|---|----------------|
| | 3. Geriatric nursing skills (8) | |
| Gerontological Nursing (One 3 hours paper) | 1. Gerontological services in SA and elsewhere (4) 2. Rehabilitation and home care, nutrition (8) 3. A etiology of geriatric disorders, diagnostic and treatment methods (12) | 24 |
| Gerontological Nursing (One 3 hours paper) | 1. Research modalities in Gerontological nursing | 20 |
| Psychiatric Nursing (One 3 hours paper) | 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 hours paper) | 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 hours paper) | 1. Research modalities in psychiatric nursing | 20 |
| Advanced Midwifery and Neonatal Nursing (One 3 hour paper) | 1. Reproductive health care (8) 2. Normal pregnancy, labour, puerperium and the neonate (16) | 24 |
| Advanced Midwifery and Neonatal Nursing (One 3 hour paper) | 1. High risk midwifery (20) 2. Advanced Midwifery and Neonatology (4) | 24 |
| Advanced Midwifery and Neonatal Nursing (One 3 hour paper) | 1. Research modalities | 20 |
| Child Psychiatric Nursing (One 3 hour paper) | 1. General psychiatric disorders applicable to children (8) 2. Genetics and child psychiatric disorders (12) 3. Psychiatric assessment of children and their families, appropriate personality development theories (4) | 24 |
| Child Psychiatric Nursing (One 3 hour paper) | 1. Treatment modalities | 24 |
| 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 | 24 |

| MODULES AND EXAMINATION PAPERS | Units | Credits |
|---|--|----------------|
| | 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) | |
| 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 hospitalization (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) | 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) | 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) | 1. Research modalities in Primary Clinical Health Care | 20 |

**PHILOSOPHIAE DOCTOR
Ph.D.**

Study code 2940

Reg. V2 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. V3 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. V4: REGULATION FOR BACCALAUREUS IN ADVANCED NURSING**Reg. V4.1 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. V4.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for degree.

National Standard Field: 09 Health Sciences and Social Services.

Reg. V4.3 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 specialization 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. V4.4 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. V4.5 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 subminimum of 50% applies for practical work in the examination.
- (viii) In the case of an OSCE (objective structured clinical evaluation) examination, a subminimum of 40% per OSCE station must be obtained.

Reg. V4.6 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. V4.7 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. V4.8 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. V4.9 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. V4.10 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 6 semesters, but not less than 4 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 specialization areas completed.

TABLE 2: Specialization areas and professional registrations on exit

| SPECIALIZATION 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 | 120 |

| SPECIALIZATION AREAS | PROFESSIONAL REGISTRATIONS | CREDITS |
|------------------------------|--|---------|
| | Nursing Science | |
| 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. V4.11 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. V4.12 Learning programme (curriculum)

The curriculum for the degree consists of a **choice of three** of the twenty 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. V4.12.1 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. V4.12.2 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 Uro-genital system Endocrine system Cardiovascular physiology Endocrine physiology Sexual physiology and physiology of pregnancy Kidney physiology Acid-base balance Somatic nervous system | 16 |
| Microbiology | MCB214 | Introduction to microbiology for the health sciences † | 16 |
| Microbiology | MCB224 | Pathogenic micro organisms | 16 |

| 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. V4.13 Equivalent codes

| B. in Advanced Nursing 2002 modules | Codes | B. in Advanced Nursing 1999 – 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 NursingII | 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 – 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 Practica | TAV 105 | Trauma and Emergency Nursing Practica | TAP 115 and TAP 125 |

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

| B. in Advanced Nursing 1999-2008 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 | MCB212 (8 credits) MCB232 (8 credits) | Microbiology | MCB214 (16 credits) |
| Microbiology | MCB222 (8 credits) MCB242 (8 credits) | Microbiology | MCB224 (16 credits) |
| Nursing education | VOV115 (20 credits) | Nursing education | VOV116 (24 credits) |
| Nursing education | VOV125 | Nursing education | VOV126 |

| B. in Advanced Nursing 1999-2008 Modules | Codes | B. in Advanced Nursing 2009 modules | Codes |
|---|------------------------|--|------------------------|
| | (20 credits) | | (24 credits) |
| Nursing education practica | OVP104 (16 credits) | Nursing education practica | OVP105 (20 credits) |

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

| B. in Advanced Nursing 1999-2008 Modules | Codes | B. in Advanced Nursing 2009 modules | Codes |
|---|-----------------------|--|-----------------------|
| Social Psychology | PSY222 (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. V4.14 Learning contents

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

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

| MODULES AND PAPERS | UNITS | CREDITS |
|---|---|----------------|
| 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) 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) | 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) 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) 2 Industrial hygiene (16) 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 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 | Unit 1 Demography of the elderly population and ageing process (8) | 24 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|---|----------------|
| One three-hour paper | 2 Psychosocial aspects of ageing (8) 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) | 24 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|--|----------------|
| | 2 Assessment of the health status of a child; maintenance of the health of the child (4) 3 Developmental problems and their treatment (4) | |
| Paediatric Nursing KDV 126 One three-hour paper | Unit 1 Paediatric nursing care in short and long term hospitalization (16) 2 Community paediatric nursing care (8) | 24 |
| Critical Care (General) KSV 116 One three-hour paper | Unit 1 Fundamental critical care (8) 2 Respiratory nursing care (8) 3 Cardiovascular and -thoracic nursing care (8) | 24 |
| Critical Care (General) 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 genito-urinary systems | 24 |
| HIV and AIDS Health Care VIV 118 Two two-hour papers | Unit 1 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) | 32 |
| HIV and AIDS Health Care VIV 128 Two two-hour papers | Unit 1 HIV and AIDS treatment j. Adult k. Pregnant woman l. Children | 32 |
| Research REV 114 One three-hour paper | Unit 1 Introduction to nursing research (4) 2 Research process (12) | 16 |
| Operating Theatre | Unit 1 Peri-operative nursing care (8) | 24 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|---|----------------|
| Nursing TNV 116 One three-hour paper | 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) | |
| 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 Dyplasia 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) | 24 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|---|----------------|
| | 2 Primary mother and child care (8) 3 Emergency treatment (4) | |
| 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 24 credits One three-hour paper | Unit 1 The nursing care of adults with the following specific disorders: Delirium, dementia and other cognitive disorders, eating disorders, sexual disorders, personality disorders, substance abuse (12) 2 The nursing care of persons with mental disability (8) 3 The nursing care of children with psychiatric disorders (4) | 24 |
| Sociology SOS 164 Formative assessment and promotion | Unit 1 Introduction to labour relations: environmental factors that play a role in industrial relations 2 Participants in the South African labour relations system 3 Features of the South African labour market 4 Labour relations in the workplace 5 Collective bargaining and the rights of the worker 6 Industrial democracy and worker participation 7 Industrial action | 16 |

| MODULES AND PAPERS | UNITS | CREDITS |
|---|---|----------------|
| Trauma and Emergency nursing 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, (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. V5: REGULATION FOR THE ADVANCED UNIVERSITY DIPLOMAS IN NURSING

Reg. V5.1 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. V5.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for diplomas.

National Standard Field: 09 Health Sciences and Social Services.

Reg. V5.3 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 specialization 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. V5.4 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. V5.5 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. V5.6 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. V5.7 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. V5.8 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 | | 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. V5.9 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. V5.10 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. V5.11 Learning programme (curriculum)

The curriculum for the diploma consists of a **choice of one** of the seventeen 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. V5.11.1 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 |

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 |

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. V5.11.2 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 |

| Name of course | Code | Module | Credits |
|-----------------------|-------------|--|----------------|
| Sociology | SOS234 | Sociology of family and household life | 16 |
| Psychology | PSY224 | Developmental Psychology | 16 |
| Psychology | PSY152 | Positive Psychology | 8 |
| Psychology | PSY322 | Introduction to Social psychology | 8 |
| Psychology | PTV352 | Introduction to counselling skills | 8 |
| Philosophy | WYS124 | Aspects of the world argumentation theory and Philosophical anthropology | 16 |
| Philosophy | WYS114 | Introduction to philosophy, worldview interpretation and ethical decision-making | 16 |
| Philosophy | WYS224 | Africa philosophy, ideology and multi-culturalism | 16 |

| Name of course | Codes | Module | Credits |
|------------------------|----------------|--|----------------|
| Research | VRT 702 | Introduction to research | 20 |
| English | <u>ENG 194</u> | Introductory English skills | 16 |
| Anatomy and Physiology | BMN124 | Introduction, terminology and basic embryology Skeletal systems Articulatory system Muscular system Digestive systems Chemical composition of the body Nutrition and metabolism Physiology of the digestive system Physiology of respiration Skin and body temperature Autonomous nervous system Basic physiology of the nervous system Physiology of blood Body protection | 16 |
| Anatomy and Physiology | BMN214 | Circulatory system Respiratory system Nervous system Sense organs and the skin Uro-genital system Endocrine system Cardiovascular physiology Endocrine physiology Sexual physiology and physiology of pregnancy Kidney physiology Acid-base balance Somatic nervous system | 16 |
| Microbiology | MCB214 | Introduction to microbiology for the health sciences | 16 |
| Microbiology | MCB224 | Pathogenic micro organisms | 16 |
| Computer Literacy | BRS111 | Basic Computer Literacy | 4 |
| Computer Literacy | RIS121 | Advanced Computer Practice | 4 |
| Writer's Course | SPRESK | Writer's Course | 4 |

R80(d) applies to VRT 702

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

Reg. V5.12

Equivalent codes

| Advanced Diploma 2002 modules | Codes | Advanced Diploma 1999 – 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 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 |

| Advanced Diploma 2002 modules | Codes | Advanced Diploma 1999 – 2001 modules | Codes |
|---|--------------|---|--------------|
| 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 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 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 | GVV116 | Advanced Midwifery and | GVV115 |

| Advanced University Diploma 2003 modules | Codes | Advanced University Diploma 2004 modules | Codes |
|---|--------------|---|--------------|
| Neonatology I | | Neonatology I | |
| 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 | Pediatric Nursing I | KDV115 |
| Paediatric Nursing II | KDV126 | Pediatric 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 Practica | TAV 105 | Trauma and Emergency Nursing Practica | TAP 115 and TAP 125 |

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

| Advanced University Diploma (1999-2008 modules) | Codes | Advanced University Diploma 2009 modules | Codes |
|--|---------------------|---|---------------------|
| Nursing Education | VOV115 (20 credits) | Nursing Education | VOV116 (24 credits) |
| Nursing Education | VOV125 | Nursing Education | VOV126 |

| | | | |
|-----------------------------|------------------------|-----------------------------|------------------------|
| | (20 credits) | | (24 credits) |
| Nursing Education practical | OVP104 (16 credits) | Nursing Education practical | OVP105 (20 credits) |

Reg. V5.13 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 immunization 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 One three-hour paper | Unit 1 Modalities of occupational health nursing | 24 |
| Ethos and Professional Practice PPV 122 One two-hour paper | Unit 1 Nursing as a profession Unit 2 Nursing theories Unit 3 Ethics and nursing Unit 4 Influence of contemporary issues on the nursing profession | 8 |
| Pharmacology FAV 113 One three-hour paper | Unit 1 Introduction to pharmacology (4) Unit 2 Drug types (8) | 12 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|--|----------------|
| 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 Postmortems (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 guide-lines 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 |
| 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 | 24 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|------------------|---|
| | | disorders, diagnostic and treatment methods (8) |
| Advanced Midwifery and Neonatology GVV 116 One three-hour paper | Unit 1 2 3 | Reproductive health care (8) Maternal and family health care during pregnancy, labour, puerperium and the neonate (12) Role of advanced midwife (4) |
| Advanced Midwifery and Neonatology VNV 126 One three-hour paper | Unit 1 2 3 | High risk midwifery (12) High risk neonatology (8) Safe motherhood (4) |
| Introduction to HIV and AIDS Health Care IVV 112 One two-hour paper | Unit 1 | Introduction to HIV and AIDS Health Care |
| Child Psychiatric Nursing KPV 116 One three-hour paper | Unit 1 2 3 | Common psychiatric disorders that apply to children (8) Genetics and child psychiatric disorders (8) Psychiatric assessment of children and their families Appropriate developmental theories (8) |
| Child Psychiatric Nursing KPV 126 One three-hour paper | Unit 1 | Treatment modalities |
| Paediatric Nursing KDV 116 One three-hour paper | Unit 1 2 3 | General development of the child; development, function and pathophysiology of the body systems of the child (16) Assessment of the health status of a 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 hospitalization (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 -thoracic 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) |

| MODULES AND PAPERS | AND | UNITS | CREDITS |
|--|-----------------|---|----------------|
| Medical Nursing MCV 116 One three-hour paper | Surgical | 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 Nursing MCV 126 One three-hour paper | Surgical | Unit 1 Medical and surgical nursing care of patients with diseases of the endocrine and metabolic, neurological, gastrointestinal and genito-urinary systems | 24 |
| HIV and AIDS Health Care 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 Nursing TNV 116 One three-hour paper | Theatre | 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 Nursing TNV 126 One three-hour paper | Theatre | 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 surgery and orthopaedic surgery (8) | 24 |
| Educational Psychology OSV 114 Formative assessment | | Unit 1 Styles of learning (4) 2 Pedagogic problem areas (4) 3 Adolescence (4) | 16 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|--|----------------|
| | 4 Motivation, interest and attention (4) | |
| 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 Dyplasia 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 One three-hour paper | Unit 1 The nursing care of adults with the following specific disorders: Delirium, dementia and other cognitive disorders, eating disorders, sexual disorders, personality disorders, substance abuse (12) 2 The nursing care of persons with mental disability (8) 3 The nursing care of children with psychiatric disorders (4) | 24 |

| MODULES AND PAPERS | UNITS | CREDITS |
|--|--|----------------|
| Sociology SOS 164 Formative assessment | Unit 1 Introduction to labour relations: environmental factors that play a role in industrial relations 2 Participants in the South African labour relations system 3 Features of the South African labour market 4 Labour relations in the workplace 5 Collective bargaining and the rights of the worker 6 Industrial democracy and worker participation 7 Industrial action | 16 |
| Trauma and Emergency nursing 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. V6 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. V6.1 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 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. V6.2 Duration of degree programme

The programme extends over 1 or 2 years (**240 credits**).

Reg. V6.3 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:

3 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

3 modules on optional (elective) themes:

- HPE704 Concepts of learning in health sciences
- HPE705 Community-based education and training, primary health care, & 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. V6.4 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. V6.5 Assessment

1. Competency will be proved by demonstration of stated outcomes to comply with standards set by the University and the Faculty. Efficiency and effectiveness in the achievement of stated outcomes and general performance as health sciences educator, teacher and researcher will be assessed. Students will be required to offer proof of competency through various means, including portfolios, discussions, assignments, practical demonstrations and reflective papers (e.g. manuscripts for publication) which describe and comment on health professions education. Skills will be assessed in real settings. The script/dissertation will be assessed in accordance with the General Regulations of the University in this regard.
2. Assessments in the programme will be based on an integrated and continuous assessment approach.
3. Assessments in modules will be through negotiated or contracted work related to the students' own positions/ role in health sciences education. This may include components of peer-assessment.
4. A module credit system applies, and where applicable the end assessment will comprise a written and/or oral assessment, and a research script or dissertation.

Reg. V6.6 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. V6.3**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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