

UNIVERSITY OF THE FREE STATE

FACULTY OF HEALTH SCIENCES

RULEBOOK

POSTGRADUATE DEGREES AND DIPLOMAS

2015



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TABLE OF CONTENTS / DEGREES AND DIPLOMAS

GENERAL

Degrees and diplomas.....	1
Academic staff.....	5
Definitions.....	8
Official address.....	13
Rules.....	13

DEGREES AND DIPLOMAS

SCHOOL FOR ALLIED HEALTH PROFESSIONS

Qualification	Abbreviation	Minimum Duration	Study Code	Page
Magister Degrees:				
Magister in Occupational Therapy.....	M Occupational Therapy	1 yr	8770	14
Magister Scientiae in Dietetics	MSc (Dietetics)	1 yr	8780	15
<i>Dissertation</i>				
Magister Scientiae in Dietetics	MSc (Dietetics)	1 yr	8784	15
<i>Coursework and Mini-dissertation</i>				
Magister in Nutrition	M Nutrition	1 yr	8781	17
<i>Dissertation</i>				
Magister in Nutrition	M Nutrition	1 yr	8786	17
<i>Coursework and Mini-dissertation</i>				
Magister Scientiae in Physiotherapy ...	MSc (Physiotherapy)	2 yrs	8720	18
<i>Coursework and Mini-dissertation</i>				
Magister Scientiae in Physiotherapy ...	MSc (Physiotherapy)	1 yr	8739	20
<i>Dissertation</i>				
Magister Scientiae in Physiotherapy ...	MSc (Physiotherapy)	2 yrs	8743	21
<i>with specialisation in Sports Physiotherapy</i>				
Magister in Optometry	M Optometry	2 yrs	8735	22
<i>Coursework and Mini-dissertation</i>				
Magister in Optometry	M Optometry	1 yr	8734	24
<i>Dissertation</i>				
Magister Artium in Human Movement ...	MA (Human Movement Science) ..	1 yr	1707	25
<i>Science (Dissertation or articles)...</i>				
Doctoral Degrees:				
Philosophiae Doctor	PhD	2 yrs	8950	26
Philosophiae Doctor in Physiotherapy.	PhD (Physiotherapy)	2 yrs	8954	26
Philosophiae Doctor in Occupational Therapy.....	PhD (Occupational Therapy).....	2 yrs	8953	26
Philosophiae Doctor in Dietetics	PhD (Dietetics)	2 yrs	8955	26
Philosophiae Doctor in Nutrition	PhD (Nutrition)	2 yrs	8952	26
Philosophiae Doctor in Human Movement Science	PhD (Human Movement Science) ..	2 yrs	1960	26



SCHOOL OF MEDICINE

Qualification	Abbreviation	Minimum Duration	Study Code	Page
Honours Degrees:				
Baccalaureus of Medical Science Honours	BMedScHons	1 yr	8510	27
<i>Anatomical Pathology (In abeyance)</i> .....	.....	1 yr	8531	27
<i>Anatomy and Cell Morphology</i> .....	.....	1 yr	8530	28
<i>Chemical Pathology</i> .....	.....	1 yr	8533	28
<i>Haematology and Cell Biology (In abeyance)</i> .....	.....	1 yr	8537	29
<i>Human Genetics</i> .....	.....	1 yr	8540	29
<i>Human Molecular Biology</i> .....	.....	1 yr	8541	30
<i>Immunology (In abeyance)</i> .....	.....	1 yr	8538	31
<i>Medical Microbiology/Virology</i> .....	.....	1 yr	8539	31
<i>Medical Physics</i> .....	.....	1 yr	8535	32
<i>Medical Physiology</i> .....	.....	1 yr	8536	34
<i>Pharmacology (Analytical/Clinical)</i> .....	.....	1 yr	8534	35
Magister Degrees:				
Magister in Medicine	MMed	4/5 yrs ...	8700	36
Magister in Medical Science	MMedSc	2 yrs	8710	67
Magister in Sport Medicine	M Sport Medicine ...	3 yrs	8782	70
Magister in Medical Science in Transfusion Medicine	MMedSc	2 yrs	8790	73
	(Transfusion Medicine)			
Doctoral Degrees:				
Doctor in Medicinae	DMed.....	2 yrs	8900	74
Philosophiae Doctor	PhD	2 yrs	8930	74
Doctor Scientiae.....	DSc		8940	75
Diplomas:				
Postgraduate Diploma in Endocrinology	PGDip (Endocrinology)	2 yrs	8204	76
Postgraduate Diploma in Gastroenterology	PGDip (Gastroenterology) ...	2 yrs	8205	77
Postgraduate Diploma in Geriatric Medicine	PGDip (Geriatric Medicine) ..	2 yrs	8206	78
Postgraduate Diploma in Nephrology	PGDip (Nephrology)	2 yrs	8207	79
Postgraduate Diploma in Pulmonology	PGDip (Pulmonology)	2 yrs	8208	80
Postgraduate Diploma in Clinical Haematology	PGDip (Clinical Haematology)	2 yrs	8209	81
Postgraduate Diploma in General Interventional Radiology	PGDip (General Interventional Radiology)	2 yrs	8211	82
Postgraduate Diploma in Medical Physics	PGDip (Medical Physics)	2 yrs.....	8213	83
Postgraduate Diploma in Clinical Pharmacology	PGDip (Clinical Pharmacology)	1 yr	8212	84
Postgraduate Diploma in Transfusion Medicine	PGDip (Transfusion Medicine)	2 yrs	8223	85



Postgraduate Diploma in Radiography (Diagnostic) (<i>In abeyance</i>) .	PGDip (Radiography) (Diagnostic)	2 yrs	8203	86
Postgraduate Diploma in Occupational Health	PGDip (Occupational Health) .	2 yrs	8220	87
Postgraduate Diploma in Community Health	PGDip (Community Health) ...	2 yrs	8230	89
Postgraduate Diploma in Health Services Management (<i>In abeyance</i>) ...	PGDip (Health Services Management)	2 yrs	8240	90

SCHOOL OF NURSING

Qualification	Abbreviation	Minimum Duration	Study Code	Page
Magister Degrees:				
Magister Societatis Scientiae in Nursing <i>Dissertation</i>	MSocSc (Nursing)	2 yrs	2720	92
Magister Societatis Scientiae in Nursing <i>Coursework and Mini-dissertation</i>	MSocSc (Nursing)	2 yrs	2721	92
Doctoral Degrees:				
Philosophiae Doctor	PhD	2 yrs	2940	99
Doctor Societatis Scientiae in Nursing .. (<i>In abeyance</i>)	DSocSc (Nursing)	2 yrs	2900	99
Advanced Degree:				
Baccalaureus of Advanced Nursing	B Advanced Nursing	3 yrs	2540	99
Advanced Diplomas:				
Advanced University Diploma in Health Care Management		1 yr	2211	118
Advanced University Diploma in Nursing Education		1 yr	2213	
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(General).		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	



HEALTH SCIENCES EDUCATION

Qualification	Abbreviation	Minimum Duration	Study Code	Page
Diplomas:				
Postgraduate Diploma in Health Professions Education	PGDip (Health Professions Education)	1 yr	8202	135
Magister Degrees:				
Magister in Health Professions Education	M Health Professions Education	1 yr	8702	137
Doctoral Degrees:				
Philosophiae Doctor in Health Professions Education	PhD (Health Professions Education)	2 yrs	8951	139
SUMMARY OF OLD AND NEW MODULE CODES				141



CONTACT PERSONS

If you have queries regarding any of the postgraduate programmes, you may contact one of the following persons:

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Internal Post Box G40
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P O Box 339
Bloemfontein 9300

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Please note:

- (1) Please indicate your student number on all correspondence to the University.
- (2) Please update your personal details in case of any changes.

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SCHOOL OF MEDICINE

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DEFINITIONS

In order to ensure greater clarity and uniform interpretation, the meanings of the following words that appear in the General Rules are defined below:

Additional modules

Modules taken supplementary to the minimum number of modules required for a particular qualification

Admission points (AP)

A calculated point based on a student's levels of achievement in the Grade 12 examination and which, among others, entitles students to gain entry to first-qualification studies

Applying for admission

The process by which a person's personal and other data are captured on the University's database yet does not bestow UFS student status on an applicant

Assessment

The process of determining students' capabilities by means of a variety of assessment methods over a period of time and in respect of a variety of contexts

Assessor

The lecturer in a particular module who sets the questions and grades the students' scripts or assesses oral and/or practical examinations

Assigned responsibility for implementation of the general rules

Council may assign responsibility for implementation of the general rules to a particular office subject to the latter having regularly to report to Council on how the said power has been exercised.

Continuous assessment

Continuous assessment is part of the assessment of a module, which is done on a continuous basis and employs a variety of assessment methods.

Curriculum

The related modules from different disciplines that form part of the programme over the specified period in which students have to achieve the requisite learning outcomes

Delegation of the general rules

Assigned responsibilities can, in writing, be delegated to another official / other officials on condition that the delegate reports to the person to whom the responsibility was assigned by Council, provided that such delegated powers are not further delegated.

Discipline

A specialised and circumscribed field of study



Distance teaching/learning

This is a set of teaching and delivery modes (or teaching-and-learning methods) that enables students to learn without their having to be in the same place as a lecturer. This is however not limited to a single means of transfer. It includes a variety of methods for the provision of structured learning. It enables students to explore the curriculum without having to attend classes regularly and for protracted periods. It aims to create a quality learning environment through a suitable combination of various mediums that include, among others, the use of information technology, tutorial support, peer-group discussions and practical sessions, depending on the requirements of the specific programme.

Doctorate and professional doctorate

A doctorate is the highest formal academic qualification at a university and calls for advanced research in a specific field of study so as to make an original and significant contribution to that particular field of study.

The same requirements obtain in respect of a professional doctorate (e.g. DEd) but with a greater emphasis on researching ways to solve the professional problems that feature in the training and research reports of a specific field.

E-learning

Refers to structured learning events mediated by the utilisation of digital resources (generally combinations of text files, audio files and visual/video files) and software applications. E-learning can be offered online and simultaneously, or online and asynchronously, or offline. E-learning can be utilised in both contact and distance programmes.

Electives

Optional modules/subjects

End assessment (summative assessment)

End assessment is summative in nature and aims to determine whether a student has achieved the level of competence as stated in the learning outcomes. End assessment aims to integrate the various components of a specific module.

Examination mark

The combined mark obtained by a student during an examination in a particular examination paper or in the examination papers of a particular module

Examination paper

A form of assessment consisting of a series of questions – oral and/or in writing – set on a module/modules or parts thereof, which feature during the examination assessment opportunity

External assessment

Refers to external examining and/or external moderation and/or external assessment of standards

External assessor

A person who has no ties with the University and who assesses examination scripts or oral examinations and/or practical examinations, dissertations and theses

External moderator

A person who has no ties with the University and who sees to it that assessment is done in accordance with the specified learning outcomes and at the requisite level of competence

Final mark

The calculated mark based on the module mark and the examination mark, rounded to an integer percentage

Foundation modules

Development modules in mainstream programmes

General rules for qualifications

Apart from the statutory rules, the general rules are also supported and informed by policy documents and regulations and supplemented with faculty rules, which must be read in conjunction.

Where conflicts arise between documents, the general rules take precedence.

Internal moderator

A person who is in the University's permanent employ and who sees to it that assessment is done in accordance with the specified learning outcomes and at the requisite level of competence

International student

A person who is not a South African citizen and does not have a permanent residential permit

Learning outcome

This refers to the contextually demonstrated final product of the learning process. An exit-level outcome is the learning outcome that the qualifying student has to achieve at the point when she/he exits the programme leading to the particular qualification. Specific learning outcomes refer to the contextually demonstrated knowledge, skills and values that support one or more critical outcomes and represent particularisations of exit-level outcomes.

Mainstream modules

All the modules in a mainstream learning programme

Master's degree and professional master's degree

A master's degree is a postgraduate qualification that enables a student to master the principles of theory and research while in the process of investigating a problem in a particular field of study and in terms of which the student makes a modest contribution.

The same requirements obtain in respect of a professional master's degree (e.g. MBA) but there is an added emphasis on researching and solving the professional problems reflected in the training and research reports of a specific field.

Module mark

The calculated mark, rounded to an integer percentage, of a student's written, oral and/or practical work in a particular module and calculated in a way set out in the module guide and which entitles the student to take an examination



Notional learning hours

This implies having to make an informed estimate of the average time a student will take to achieve the minimum learning outcome(s). Such learning time comprises contact time, practicals, independent and assisted study, and examination time. One (1) credit is the equivalent of ten (10) notional learning hours.

Occasional student

A person who satisfies the following conditions:

- She/he satisfies the statutory requirements for admission to the applicable formally approved qualification offered by the institution.
- She/he complies with the prerequisite(s) and/or conditions of the module as specified in the faculty rules.
- She/he is, with the dean's permission, enrolled for a module that forms part of the curriculum of a formally approved qualification.
- She/he is not registered for an approved qualification.

Persons taking either bridging or pre-tertiary modules (lower than NQF Level 5) are not classified as occasional students.

Postgraduate research outputs¹

The module that forms part of the requirements for an **honour's degree** and represents the research component entails writing a **major research essay** of fewer than 20 000 words.

The module that forms part of the requirements for a **master's degree by coursework** and represents the research component entails writing a **coursework master's dissertation** and generally comprises between 20 000 and 30 000 words. It contains a justifiable argument that is based on research of limited scope and counts 50% of the achievement mark.

A **master's by research** solely entails writing a **master's research dissertation** comprising between 40 000 and 50 000 words and containing a justifiable argument that does not necessarily make an original contribution. It counts 100% of the achievement mark.

A **doctoral thesis** is the sole component of a doctorate and generally comprises between 70 000 and 90 000 words. It must demonstrate that the candidate has made a specific contribution to the enhancement of knowledge in the chosen field, while providing evidence of independent critical ability and which ought, either in part or in its entirety, to be published in a suitable journal or book.

Programme

The structure within which is indicated the cumulative learning that a student has to complete successfully so as to master the exit-level outcomes of a qualification. This structure comprises a related combination of modules/learning units, expressed in outcomes-based format and having an academic and/or professional/careerorientated focus. Students may, on the strength of prior learning, enter a programme at different levels.

Programme group

A grouping of different programmes with a shared focus; a programme group is the academic particularisation of one or more of the University's strategic focuses

¹ In this document the terms used, prior to 2014, are shown in brackets after the terms in use from 2014.



Promotion

The combined result of both the continuous assessment and the end assessment conducted in a decentralised fashion during the course of the module term, whereby the student passes without having to take a further examination – provided that the student has obtained at least 70 percent and has utilised all of the scheduled assessment opportunities in the module.

Qualification

In an outcomes-based approach, a qualification refers to the certification of the achieved learning outcomes of a programme expressed in terms of an accumulation of credits at specific levels. A qualification represents a student's demonstrated achievement in a planned and purposeful combination of learning outcomes that are aimed at equipping students with applied competence and a platform for further learning.

Registration

A contractual agreement annually entered into by the University and the person, which is subject to prescribed procedures and by virtue of which she/he is granted student status

Residential student

A student who makes use of the University's campus accommodation

Student

A person who

- has met the applicable admission/selection requirements set by the University;
- is registered for a module that is included in the curriculum of at least one (1) qualification that has been approved by the Minister of Higher Education and Training;
- actively participates in a module, as defined below, before or on the census day determined by the institution; and
- is considered to be a full-time student (occasional students included) if she/he is not permanently employed. All other students are considered to be part-time students.

The Hemis prescriptions define active participation as

- (a) having submitted module assignments; or
- (b) having attended lectures, seminars, tutorials or practicals; or
- (c) having attended class tests; or
- (d) having raised study-related queries with a lecturer; or
- (e) having made use of a learning centre.



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.

RULES

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

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

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

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



SCHOOL FOR ALLIED HEALTH PROFESSIONS

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

Rule AGH1 RULES FOR THE DEGREE MAGISTER IN OCCUPATIONAL THERAPY

Rule AGH1.1 Admission requirements

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

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

- (a) Be in possession of a four-year degree in Occupational Therapy from this University or a qualification deemed equivalent by the University.
- (b) Have at least one year's experience in a clinical capacity after obtaining the Baccalaureus qualification or a qualification deemed equivalent by the University.
- (c) Have at least one year clinical experience in the field in which the student will conduct research.
- (d) Be registered as an occupational therapist with the Health Professions Council of South Africa (HPCSA).

***From 2016 this paragraph will be replaced with Rule AGH1.4 (b)**

- (e) With application for admission to any postgraduate programme in Occupational Therapy, submit proof of an acceptable research methodology module which has been successfully completed. If a student does not comply with this requirement, he/she must offer ATN701 (MOTS8905) as an occasional study and complete it successfully.

Admission is subject to selection.

Rule AGH1.2 Duration of programme

The programme extends over a minimum period of one year.

Rule AGH1.3 Curriculum

Dissertation	MOTR8900	240 credits
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Rule AGH1.4 Pass requirements

- (a) According to the prescriptions of the General Rules, all required courses must be passed.
- (b) A research module (MOTS8905), bearing 20 non-funded credits, is presented at the beginning of the programme and forms part of the development of the research protocol. A minimum of 60 % must be obtained in each of the themes in the module in order to proceed with the programme.
- (c) The degree M Occupational Therapy will be conferred upon a student once he/she has complied with all the requirements for this degree.

Rule AGH1.5 Assessment

Assessment is conducted as follows:



(a) With regard to MOTR8900 dissertation:

- (i) A committee appointed by the School for Allied Health Professions and the Ethics Committee of the Faculty of Health Sciences, University of the Free State 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, Faculty of Health Sciences, University of the Free State.
- (iii) On completion of the dissertation and on recommendation of the supervisor(s), the dissertation will be examined by two external assessors and one internal assessor.

Additional Examination

See General Rules of the University of the Free State.

MAGISTER SCIENTIAE IN DIETETICS		240 Credits
MSc (Dietetics)	Dissertation	Study code 8780
	Structured	Study code 8784

Rule AGH2 RULES FOR THE DEGREE MAGISTER SCIENTIAE IN DIETETICS

Rule AGH2.1 Admission requirements

A student may register for the degree MSc (Dietetics) if he/she:

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

Admission is subject to selection.

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

Rule AGH2.2 Duration of programme

The programme extends over a minimum period of one year.

Rule AGH2.3 Curriculum

Dissertation (Program A): 240 credits

Dietetics Dissertation	MDED8900	240 credits
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Structured (Programme B): 240 credits

Dietetics Mini-Dissertation	MDEM7900	120 credits
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Module work consists of four modules (120 credits) which are compiled as follows:



Modules (Compulsory):

Research Methodology	MRES7905	20 credits
Evidence-based Nutrition	MART7909	36 credits

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

Advanced Therapeutic Nutrition I and II	MTNU7938/7948	32 credits x 2
Advanced Sports Nutrition I and II	MSPT7938/7948	32 credits x 2
Advanced Community Nutrition I and II	MCOM7938/7948	32 credits x 2

Rule AGH2.4 Assessment

Programme A (Dissertation):

****From 2016 this paragraph will be implemented in the Rulebook***

- *(a) A research module (MRES7905), bearing 20 non-funded credits, is presented at the beginning of the programme and forms part of the development of the research protocol. A minimum of 60 % must be obtained in each of the themes in the module in order to proceed with the programme.
- (b) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions, Faculty of Health Sciences, University of the Free State.
- (c) The research protocol must be submitted to the Ethics Committee of the Faculty of Health Sciences, University of the Free State for approval.
- (d) The title of the dissertation will be submitted to the Faculty Board only on the recommendation of the Faculty Management.
- (e) After completion of the dissertation and on recommendation of the supervisor(s) will the dissertation be externally assessed.

Programme B (Structured):

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions, Faculty of Health Sciences, University of the Free State.
- (b) The research protocol must be submitted to the Ethics Committee of the Faculty of Health Sciences, University of the Free State for approval.
- (c) The title of the mini-dissertation will be submitted to the Faculty Management on recommendation of the Executive Management only.
- (d) After completion of the mini-dissertation and on recommendation of the supervisor(s) the mini-dissertation will be externally assessed.
- (e) Two of the four modules (120 credits) will be assessed externally and by means of written assessments during the June and/or November main assessment opportunities. Continuous assessment of MRES7905 will take place. The research article completed for MART7909 will be externally assessed and will form part of the final assessment mark.

Pass requirements

See General Rules of the University of the Free State.

Additional Examination

See General Rules of the University of the Free State.



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

Rule AGH3 RULES FOR THE DEGREE MAGISTER IN NUTRITION

Rule AGH3.1 Admission requirements

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

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

Admission is subject to selection.

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

Rule AGH3.2 Duration of programme

The programme extends over a minimum period of one year.

Rule AGH3.3 Curriculum

Dissertation (Programme A): 240 credits

Nutrition Dissertation	MNUD8900	240 credits
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Structured (Programme B): 240 credits

Nutrition Mini-Dissertation	MNUM7900	120 credits
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Module work consists of four modules (120 credits) which are compiled as follows:

Modules (Compulsory):

Research Methodology	MRES7905	20 credits
Evidence-based Nutrition	MART7909	36 credits

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

Advanced Community Nutrition I and II	MCOM7938/7948	32 credits x 2
Advanced Sports Nutrition I and II	MSPT7938/7948	32 credits x 2
Advanced Nutrition I and II	MNUT7938/7948	32 credits x 2

Rule AGH3.4 Assessment

Programme A (Dissertation):

****From 2016 this paragraph will be implimented in the Rulebook***

- *(a) A research module (MRES7905), bearing 20 non-funded credits, is presented at the beginning of the programme and forms part of the development of the research protocol. A minimum of 60 % must be obtained in each of the themes in the module in order to proceed with the programme.



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

Programme B (Structured):

- (a) The research protocol will be evaluated by an evaluation committee of the School of Allied Health Professions, Faculty of Health Sciences, University of the Free State.
- (b) The research protocol must be submitted to the Ethics Committee of the Faculty of Health Sciences, University of the Free State for approval.
- (c) The title of the mini-dissertation will be submitted to the Faculty Management only on the recommendation of the Executive Management.
- (d) After completion of the mini-dissertation and on recommendation of the supervisor(s), the mini-dissertation will be externally assessed.
- (e) Two of the four modules (120 credits) will be assessed externally and by means of written assessments during the June and/or November main assessment opportunities. Continuous assessment of MRES7905 will take place. The article completed for MART7909 will be externally assessed and will form part of the final assessment mark.

Pass requirements

See General Rules of the University of the Free State.

Additional Examination

See General Rules of the University of the Free State.

MAGISTER SCIENTIAE IN PHYSIOTHERAPY	240 Credits
MSc (Physiotherapy) Structured	Study code 8720

Rule AGH4.1 RULES FOR THE DEGREE MAGISTER SCIENTIAE IN PHYSIOTHERAPY

Rule AGH4.1.1 Admission requirements

A student must comply with both the stipulations of the General Rules for master’s degrees and the rules of the Faculty of Health Sciences.

Besides other stipulations, the following requirements for admission to the degree MSc (Physiotherapy) apply:

- (a) A student must be in possession of a four-year degree in Physiotherapy at this University or a qualification deemed equivalent by the University.
- (b) A student must have at least one year’s experience in a clinical capacity after obtaining the baccalaureus degree, or a qualification deemed equivalent by the Senate.
- (c) A student must be registered as a physiotherapist with the Health Professions Council of South Africa (HPCSA).

- (d) Admission is subject to selection by the Executive Committee of the Department of Physiotherapy.

Rule AGH4.1.2 Duration of programme

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

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

Rule AGH4.1.3 Curriculum

ANMP7908	Anatomy (Physiotherapy)	32 credits
PHMP7908	Physiology (Physiotherapy)	32 credits
MPPT7908	Medical Physics (Physiotherapy)	32 credits
PTMS7900	Mini-dissertation and concept article	124 credits
PTMM7905	Research Methodology (Physiotherapy)	20 credits

A student will only be allowed to offer PTMS7900 after completion of PTMM7905.

The module PTMS7900 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) The presentation of a research protocol during the first year of study.
- (iii) A mini-dissertation and concept article approved by the Department of Physiotherapy.

Rule AGH4.1.4 Assessment

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

Pass requirements

See General Rules of the University of the Free State.

Additional Examination

See General Rules of the University of the Free State.



Rule AGH4.2 RULES FOR THE DEGREE MAGISTER SCIENTIAE IN PHYSIOTHERAPY**Rule AGH4.2.1 Admission requirements**

A student may register for the degree MSc (Physiotherapy) if he/she:

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

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

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

Rule AGH4.2.2 Duration of programme

The programme extends over a minimum period of one year.

Rule AGH4.2.3 Curriculum

Dissertation

PTMD8900

240 credits

Rule AGH4.2.4 Assessment

****From 2016 this paragraph will be implimented in the Rulebook***

- *(a) A research module (PTMM7905), bearing 20 non-funded credits, is presented at the beginning of the programme and forms part of the development of the research protocol. A minimum of 60 % must be obtained in each of the themes in the module in order to proceed with the programme.
- (b) The research protocol must be evaluated by an evaluation committee of the Faculty of Health Sciences, University of the Free State.
- (c) The research protocol must be approved by the Ethics Committee of the Faculty of Health Sciences, University of the Free State.
- (d) 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.
- (e) After completion of the dissertation and on recommendation of the supervisor(s) the dissertation will be submitted for external examination.

Pass requirements

See General Rules of the University of the Free State.

Additional Examination

See General Rules of the University of the Free State.

**Rule AGH4.3 RULES FOR THE DEGREE MAGISTER SCIENTIAE IN
PHYSIOTHERAPY WITH SPECIALISATION IN SPORTS
PHYSIOTHERAPY****Rule AGH4.3.1 Admission requirements**

A student may register for the degree MSc (Physiotherapy with specialisation in Sports Physiotherapy) if he/she:

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

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

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

Rule AGH4.3.2 Duration

The programme extends over a minimum period of two years.

Rule AGH4.3.3 Curriculum

- **Modules:**
 - PTMM7905 Research Methodology (Physiotherapy) 20 credits
 - PTIS7904 Introduction to Sports Physiotherapy 16 credits
 - PTST7904 Soft tissue injuries 16 credits
 - PTSP7904 The spine 16 credits
 - PTSH7904 The shoulder 16 credits
 - PTKN7904 The knee 16 credits
 - PTAF7904 The lower leg, ankle and foot 16 credits
- **Clinical training**
 - PTCT7908 Clinical training 32 credits
 - Clinical logbooks
 - Case portfolios
 - Patient presentations
 - Academic discussions
 - Elective period at recognised facilities
- **Research**
 - PTRS7900 Mini-dissertation and concept article 92 credits

A student will only be allowed to offer PTRS7900 after completion of PTMM7905.

Rule AGH4.3.4 General

Module work will be presented in a minimum of 4 days of attendance per module.

Rule AGH4.3.5 Assessment

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

Pass requirements

See General Rules of the University of the Free State.

- (a) A student will only be allowed in the second study year if a research protocol was finalised by the student and submitted to the research committee of the department of Physiotherapy.
- (b) To pass the clinical examination (PTCT7908) an average mark of 50% must be obtained between the year mark and examination mark. A minimum of 45% must be obtained in the clinical examination.
- (c) To obtain the degree Magister Scientiae in Physiotherapy (Sports Physiotherapy), a student must pass all the modules.

Additional Examination

See General Rules of the University of the Free State.

- (a) A student will qualify for a clinical additional examination in PTCT7908 if a mark of 40-45% is obtained in the examination.

MAGISTER IN OPTOMETRY		180 Credits
M Optometry	Structured	Study code 8735

Rule AGH5.1 RULES FOR THE DEGREE MAGISTER IN OPTOMETRY IN THE PROGRAMME FOR PROFESSIONAL OPTOMETRY

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

Rule AGH5.1.1 Admission requirements

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



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

Rule AGH5.1.2 Duration of programme

The programme extends over a minimum period of two years.

Rule AGH5.1.3 Curriculum

Course work (80 credits) plus a mini-dissertation (100 credits)

Year 1: Modules on compulsory themes:

Treatment and management of ocular disease	OPMS7903	12 credits
Binocular and paediatric vision	BPVS7903	12 credits
Introduction to research methodology	OPMS7902	8 credits
Low vision	OPLV7903	12 credits
Advanced contact lenses	OPCL7903	12 credits
Neuro-optometry	OPNO7902	8 credits

Year 2: Compulsory modules:

Advanced research methodology	OPMR7902	8 credits
Module on elective themes in Optometry (Choice of suitable themes)	OPME7902	8 credits
Research project and mini-dissertation	OPMS7900	100 credits

Rule AGH5.1.4 Assessment

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

Pass requirements

See General Rules of the University of the Free State.

Additional Examination

See General Rules of the University of the Free State.



Rule AGH5.2 RULES FOR THE DEGREE MAGISTER IN OPTOMETRY**Rule AGH5.2.1 Admission requirements**

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

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

Rule AGH5.2.2 Duration of programme

The programme extends over a minimum period of one year.

Rule AGH5.2.3 Curriculum

Dissertation

OPMS8900

180 credits

Rule AGH5.2.4 Assessment

****From 2016 this paragraph will be implimented in the Rulebook***

- * (a) A research module is presented at the beginning of the programme and forms part of the development of the research protocol. A minimum of 60 % must be obtained in each of the themes in the module in order to proceed with the programme.
- (b) The research protocol will be approved by the Evaluation Committee of Faculty of Health Sciences, University of the Free State, after a proposal defence by the candidate.
- (c) The research protocol will be approved by the Ethics Committee of the Faculty of Health Sciences, University of the Free State.
- (d) The title of the dissertation will be submitted to the Faculty Board for approval after it has been approved by the Research Committee of the School of Allied Health Professions, Faculty of Health Sciences, University of the Free State.
- (e) The dissertation will be submitted to the external examiners on recommendation by the supervisor.
- (f) The candidate will publicly defend the dissertation in the presence of the external examiners.

Pass requirements

See General Rules of the University of the Free State.

Additional Examination

See General Rules of the University of the Free State.

** 2015 – Programme transferred from Faculty of Humanities*

Rule AGH6.1 RULES FOR THE DEGREE MAGISTER ARTIUM IN HUMAN MOVEMENT SCIENCE

Rule AGH6.1.1 Admission requirements

The General Rules of the university with respect to the MA degree apply *mutatis mutandis* to this Faculty.

Before a student may register for the degree MA (Human Movement Science), he/she must:

- (a) Be in possession of a BA Honours degree in Human Movement Science or an equivalent qualification.
- (b) With application for admission to any postgraduate programme in Human Movement Science, 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 BRES8905 as an occasional study and complete it successfully.
- (c). The Head of the School for Allied Health Professions may grant permission for exemption of this module.

Admission is subject to selection.

Rule AGH6.1.2 Duration of programme

The programme extends over a minimum period of one year.

Rule AGH6.1.3 Curriculum

Dissertation	BIOD8900	200 credits
or		
Articles	BIOA8900	200 credits

Rule AGH6.1.4 Pass requirements

- (a) According to the prescriptions of the General Rules, all required courses must be passed.
- (b) The degree MA (Human Movement Science) will be conferred upon a student once he/she has complied with all the requirements for this degree.

Rule AGH6.1.5 Assessment

Assessment is conducted as follows:

- (a) With regard to the dissertation and article format:
 - (i) A research module (BRES8905), bearing 20 non-funded credits, is presented at the beginning of the programme and forms part of the development of the research protocol. A minimum of 60 % must be obtained in each of the themes in the module in order to proceed with the programme.

- (ii) A committee appointed by the School for Allied Health Professions and the Ethics Committee of the Faculty of Health Sciences, University of the Free State will evaluate the research protocol.
- (iii) 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, Faculty of Health Sciences, University of the Free State.
- (iv) On completion of the dissertation/articles and on recommendation of the supervisor(s), the dissertation or articles will be examined by two external and one internal assessor.

Additional Examination

See General Rules of the University of the Free State.

PHILOSOPHIAE DOCTOR	360 Credits
PhD	Study code 8950

Rule AGH7 **RULES FOR THE DEGREE PHILOSOPHIAE DOCTOR IN THE SCHOOL FOR ALLIED HEALTH PROFESSIONS**

Rule AGH7.1 **Admission requirements**

The General Rules in respect of doctor's degree apply mutatis mutandis to this Faculty.

For admission to registration for the degree PhD, a student must comply with the stipulations of the General Rules and be in possession of the appropriate magister degree from the department concerned, or any other qualification deemed adequate by the Senate.

The degree Philosophiae Doctor (PhD) may be obtained in the following disciplines in the Faculty of Health Sciences:

PhD in:	Dietetics	PDET9100	Study code: 8955	360 credits
	Nutrition	PNUT9100	Study code: 8952	360 credits
	Physiotherapy	PTDP9100	Study code: 8954	360 credits
	Occupational Therapy	PDOT9100	Study code: 8953	360 credits
	Human Movement Science (Thesis)	BIOT9100	Study code: 1960	360 credits
	or			
	Human Movement Science (Articles)	BIOA9100		

Elucidation:

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

The module code of the discipline the student is registered for comprises the abbreviation for the discipline followed by the code **9100**.



BACHELOR OF MEDICAL SCIENCE HONOURS
BMedScHons

Minimum 120 Credits
Study code 8510

Rule MGH1 RULES FOR THE DEGREE BACHELOR OF MEDICAL SCIENCE HONOURS

Rule MGH1.1 Admission requirements

Admission may be subject to selection.

A student must comply with both the stipulations of the General Rules for honours and bachelor's degrees and the rules of the Faculty of Health Sciences.

At registration for the module BMedScHons, it is required for any student to register with the Health Professions Council of South Africa as intern medical scientist or intern medical physicist. Registration as medical scientist or medical physicist occurs after obtaining the BMedScHons 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.

Rule MGH1.2 Duration of programme

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

The degree BMedScHons may be obtained in the following disciplines:

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

1. Anatomical Pathology (In abeyance)

Study code 8531

(i) Admission requirements

BMedSc 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:

MANP6800 One three-hour written paper 120 credits
Practical
One oral assessment.

(iv) Pass requirements

See General Rules of the University of the Free State.

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 BMedScHons on the understanding that the student may be required to do additional work.

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

(ii) Curriculum

1. ANHG6808	Capita Selecta	32 credits
2. ANHC6808	Capita Selecta	32 credits
3. ANHS6808	Capita Selecta	32 credits
4. ANHP6808	Capita Selecta	32 credits

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

(iii) Assessment

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

(iv) Pass requirements

See General Rules of the University of the Free State.

3. Chemical Pathology **Study code 8533**

(i) Admission requirements

BMedSc 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

MCHD6800 120 credits
Two three-hour assessment papers



One practical assessment
One oral assessment
One essay

(iv) Pass requirements

See General Rules of the University of the Free State.

4. Haematology and Cell Biology (In Abeyance)

Study code 8537

(i) Admission requirements

BMedSc or an equivalent qualification with appropriate curriculum composition.

(ii) Curriculum

Semester 1:

MHEM6810	Erythrocyte and Leukocyte Defects and Assessments	15 credits
MHEH6810	Haemostasis	15 credits
MHEI6810	Immunohaematology and Haemolytic Anaemia	15 credits

Semester 2:

MHEM6820	Erythrocyte and Leukocyte Defects and Assessments	15 credits
MHEH6820	Haemostasis	15 credits
MHEI6820	Immunohaematology and Haemolytic Anaemia	15 credits
MHER6800	Haematology project	30 credits

Syllabus

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

Only one module per semester may be offered, with the exception of MHEP6800 (Haematology project), which may be submitted at any time.

(iii) Assessment

Two written papers
One practical assessment
One oral assessment per semester

(iv) Pass requirements

See General Rules of the University of the Free State.

5. Human Genetics

Study code 8540

(i) Admission requirements

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

(ii) Curriculum

- (a) Module 1 - Writing of scientific reports
- Module 2 - Cancer Genetics
- Module 3 - Molecular Biology (lectures and practicals)
- Module 4 - Human Genetics – Cytogenetics



Module 5 - Human Genetics – Cytogenetics practical applications
 Module 6 - Human Genetics – Molecular Genetics
 Module 7 - Human Genetics – Molecular Genetics practical applications
 Module 8 - Clinical Genetics
 Module 9 - Research Project and Seminar

- (b) Participation in the academic program of Human Genetics and attendance of lectures and seminars in other departments as determined by Human Genetics is required.

(iii) Module outline

MHGC6800	modules 4, 5 and 8	40 credits
MHGM6800	modules 1, 2, 3, 6 and 7	40 credits
MHGR6800	module 9	40 credits

(iv) Assessment (MHGC6800, MHGM6800 and MHGR6800)

Two written papers (MHGC6800 and MHGM6800)
 Research project, seminar and oral assessment (MHGR6800)

(v) Pass requirements

- (a) Except where a subminimum in specific disciplines has been approved by the University, the pass marks for the degree BMedScHons is an average assessment mark of 50% in all the question papers.
 (b) The degree BMedScHons will be awarded with distinction to students obtaining an average mark of at least 75%.

6. Human Molecular Biology

Study code 8541

(i) Requirements

- (a) BMedSc, BSc 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 includes three compulsory modules (MBGT6804, MBGP6826 and MBGR6818) and three modules of choice, selected in consultation with the subject head from the list below. All modules of choice have three-hour examination papers. A written scientific paper and an oral presentation are required for MBGP6826 and MBGR6818. MBGC6814 and MBGS6824 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

MBGT6804	Research Techniques	16 credits
MBGP6826	Research: Literature study	24 credits
MBGR6818	Research Project	32 credits



Modules of choice

MBGM6814	Diagnostic Molecular Biology	16 credits
MBGI6814	Applications of Molecular Biology in Immunology	16 credits
MBGH6814	Applications of Molecular Biology in Haemostasis	16 credits
MBGC6814	<i>Capita selecta</i>	16 credits
MBGS6824	<i>Capita selecta</i>	16 credits

(iii) Assessment

- MBGT6804 is assessed through an oral examination.
- MBGP6826 and MBGR6818 are assessed by a written scientific paper as well as an oral presentation.
- MBGM6814, MBGI6814 and MBGH6814 are assessed by written assignments and practical as required as well as a three-hour examination paper.
- MBGC6814 and MBGS6824 are assessed according to the individual stipulations of the module.

(iv) Pass requirements

See General Rules of the University of the Free State.

7. Immunology (In abeyance)

Study code 8538

(i) Admission requirements

BMedSc or an equivalent qualification with appropriate curriculum composition.

(ii) Curriculum

MIMI6800	Immunohaematology	60 credits
MIMH6800	Humeral and Cellular Immunology	60 credits
MIMC6800	Laboratory and Clinical Immunology	60 credits
MIMP6800	Immunology project	60 credits

Syllabus

- Basic research principles.
- Submission of a mini-dissertation in consultation with the Head of Department concerned.

Only one module per semester may be offered, with the exception of MIMP6800 (Immunology project), which may be submitted at any time.

(iii) Assessment

(MIMI6800; MIMH6800; MIMC6800)

Two written papers.

One practical assessment, and

One oral assessment per semester.

(iv) Pass requirements

See General Rules of the University of the Free State.

8. Medical Microbiology/Virology

Study code 8539

(i) Admission requirements

- A BSc or equivalent qualification with an applicable curriculum and Microbiology as major discipline, obtained with a minimum mark of 65% for the first major at



third-year level. A minimum mark of 65% in the second major discipline will be to the advantage of prospective applicants.

- (b) Admission is subject to selection and the applicant must contact the Department of Medical Microbiology for application forms.
- (c) A limited number of students per year will be selected for admission to the course based on undergraduate academic achievement, availability of supervisory staff and an interview if requested by the department.

(ii) Curriculum

Students must complete six modules which include five compulsory modules and one module of choice that will be selected in consultation with the course leader. MMKC6804 is a *capita selecta* module that may be selected in the place of one of the other modules of choice only after consultation and approval by the course leader in Medical Microbiology/Virology. The course commences on a date determined by the course leader.

Compulsory modules

MMKT6804	Research Techniques	16 credits
MMKP6804	Research: Project proposal / literature study	16 credits
MMKR6800	Research project	40 credits
MMKM6804	Current research in Medical Bacteriology	16 credits
MMKV6804	Current research in Virology	16 credits

Modules of choice

MMBD6804	Diagnostic Molecular Biology	16 credits
MMBI6804	Applications of Molecular Biology in Immunology	16 credits
MMKC6804	Capita selecta	16 credits

(iii) Assessment

- (a) MMKT6804, MMKM6804, MMKV6804, MMBD6804, MMBI6804 and MMKC6804 are assessed according to the individual stipulations of the module.
- (b) MMKP6804 is assessed by a written proposal and oral presentation.
- (c) MMKR6800 is assessed by a written mini-dissertation and oral presentation.

(iv) Pass requirements

See General Rules of the University of the Free State.

9. Medical Physics

Study code 8535

(i) Admission requirements

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

(ii) Curriculum

Module

First Semester:

MPRS6814	Radiation Physics	16 credits
MPRS6834	Radiation Protection	16 credits
PHYA6814	Quantum Mechanics	16 credits
PHYF6814	Semiconductors	16 credits



MATA6814	Digital Image Processing	16 credits
Second Semester:		
MPRS6824	Medical Physics for Diagnostic Radiology	16 credits
MPRS6844	Medical Physics for Nuclear Medicine	16 credits
MPRS6864	Radiation Treatment Planning	16 credits
MPRS6884	Radiation Treatment Modalities	16 credits
PHYK6824	Electronics	16 credits

(iii) Duration of programme

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

(iv) Assessment

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

Admission to assessment opportunity

To gain admission to the assessment, a minimum module mark of 40% is required in modules MPRS6814, MPRS6834, MPRS6824, MPRS6844, MPRS6864 and MPRS6884.

Composition of module marks for modules MPRS6814, MPRS6834, MPRS6824, MPRS6844, MPRS6864 and MPRS6884.

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

Calculation of marks

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

(v) General rules with regard to MPRS6814, MPRS6834, MPRS6824, MPRS6844, MPRS6864 and MPRS6884.

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

(vi) Pass requirements

See General Rules of the University of the Free State.

(vii) Re-assessment

See General Rules of the University of the Free State.

The General Rules of the University of the Free State A53.4 only apply if the student:

- (i) Had been admitted to the assessment opportunity (i.e. had a module mark of at least 40%).
- (ii) Had 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) must obtain practical experience in Clinical Medical Physics as prescribed by the HPCSA in addition to the degree BMedScHons.

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

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

10. Medical Physiology

Study code 8536

(i) Admission requirements

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

(ii) Curriculum

PHHG6808	General Physiology	32 credits
PHHC6808	Capita selecta from the discipline Physiology	32 credits
PHHS6808	Seminars on Physiology	32 credits
PHHP6808	A practical laboratory assignment with a report or a seminar on the theory of specific biological laboratory techniques	32 credits

(iii) Assessment

Part I

PHHG6808

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

Part II

PHHC6808

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

Part III

PHHS6808

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

Part IV

PHHP6808

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

Elucidation

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



(iv) Pass requirements

See General Rules of the University of the Free State.

11. Pharmacology (Analytical / Clinical)

Study code 8534

(i) Admission requirements

BSc 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

MFRM6800

120 credits

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

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

(iv) Pass requirements

See General Rules of the University of the Free State.



Rule MGH2 RULES FOR THE MASTER OF MEDICINE DEGREE

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

In accordance with the rules and regulations of the HPCSA, as from 2014 all candidates must write the final professional exams (final specialist exams) of the HPCSA as contracted to the CMSA at present. The resulting mark will then constitute the final outcome mark of the MMed exams. NAMB7900 will still be evaluated separately and a percentage mark has to be allocated.

The final MMed mark (for prizes, distinctions etc.) will be calculated as follows:

70% = Final exit exam mark of the HPCSA as contracted to the CMSA at present, +
30% = NAMB7900 and formative assessments, of which the weight of the formative component should not be more than 15% and as will be decided by each individual department.

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

Rule MGH2.1 Disciplines

The degree may be obtained in the following disciplines:

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

Rule MGH2.2 Admission requirements

The following applies for students before registering for the MMed degree:

- (a) The student must have been in possession of the MBChB degree from this University for a period of at least three years, or a qualification deemed equivalent by the University.
- (b) The student must be fully registered as a medical practitioner with the Health Professions Council of South Africa (HPCSA) for independent practice in terms of the Health Professional Act, Act 56 of 1974.
- (c) After a selection process, postgraduate students are appointed in a training post (registrar) as written and according to guidelines. The applicable process and rules are available at the Postgraduate Administration office of the Faculty. Training commences after the candidate has been appointed in abovementioned post and after he/she has

received an HPCSA training number from the Faculty's Postgraduate Administrative Office.

- (d) In the case of disciplines where training extends over a period of five years full-time, except Forensic Medicine, a student registers with the University as a postgraduate student in the first year of the MMed programme and is simultaneously appointed as registrar in a relevant department at the Academic Hospital Complex.
- (e) In the case of supernumerary appointments of foreign students who are not fully registered with the HPCSA, each case will be dealt with on merit according to prescriptions of the HPCSA. If successful, these candidates may obtain a degree, but will not be able to practise in South Africa without approval and registration by the HPCSA.

Elucidation:

- (i) The student registers in the first year of the MMed programme at the University as a postgraduate student and is allocated a student number.
- (ii) Simultaneously, for MMed **four-year programmes** the student must register at the HPCSA as registrar in training and is allocated a board number. The last two years of the programme must be completed without interruption.
- (iii) For MMed **five-year programmes** the student does not register as registrar in training at the HPCSA but as an independent medical practitioner, even though he/she is appointed in a registrar post by the employer. The reason for this is that the University requires five years for training whereas the board does not make provision for five-year programmes – it sees all postgraduate programmes as four-year programmes. To overcome the above, students in five-year programmes register at the HPCSA only from their second year. By implication, a student following a five year programme is registered for five years at the University and for four years (from the second year of study) at the board. The last three years of the programme must be completed without interruption.
- (iv) After this, the student must register annually at the beginning of each year as postgraduate student at the University and as registrar with the HPCSA as described above.
- (v) If the student is not appointed to the post of registrar and discontinues the MMed programme, no refunding of class fees will apply.
- (vi) In circumstances where extended leave for illness or pregnancy is granted, additional time will be added at the end of the training period to allow for adequate training and as prescribed by the HPCSA from time to time.

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

1. Possible exemption, fully or partially, on the basis of comparable training and experience gained at another recognised institution in a training position with an HPCSA number could be granted by the University in respect of the training and work.

The maximum admissible period of exemption to another recognised institution is 24 months.

2. For MMed programmes over five years, exemption for one year residency is subject to the following conditions:
 - (i) In special cases of merit;
 - (ii) With proof of sufficient experience; and
 - (iii) With recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, and approval by the Faculty Management.



Elucidation:

- (i) Special merit in this case refers to periods of training spanning at least 12 months and for at least six months continuously at an accredited institution, division or department as a medical officer. The mentioned period of training must have taken place within the past two years before enrolling for postgraduate study.
- (ii) Sufficient experience must be proven by means of a logbook and certification of the head of the division or department where experience was gained. The above information of a currently registered student must then be assessed and approved by the Head of Department as equal to the first year of training in the area as registrar.
- (iii) Applications for exemption from residency must be submitted within the first 12 months after enrolment as a postgraduate student. No applications will be accepted after this time.

Rule MGH2.4 Duration of programme

- (a) The duration of training extends over four or five years full-time, depending on the requirements of the department under which the major subject falls (see Rule MGH2.6).
- (b) In exceptional cases, part-time study will be allowed, taking into consideration the duration of the programme.
- (c) Upon appointment and annually thereafter, registrars must register both as a student at the University and as a registrar with the Health Professions Council of South Africa.

Rule MGH2.5 Clinical experience

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

Rule MGH2.6 Curriculum

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

Rule MGH2.6.1 General curriculum compulsory for all disciplines

A. Research component	76 Credits
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The research component of the MMed programme comprises two sections, namely Research Methodology (NAMA7903) and Mini-dissertation (Research Report) (NAMB7900):

NAMA7903 Research Methodology

Elucidation:

- (i) A minimum attendance rate of 75% is required.
- (ii) In order to be admitted to NAMB7900 (Mini-dissertation [Research Report]) a student must show satisfactory progress in NAMA7903 (Research Methodology).
- (iii) A candidate may be exempt from NAMA7903 if the student has already obtained a postgraduate qualification which included the writing of tests or examinations on medical applicable research methodology and statistics.
- (iv) The module NAMA7903 (Research Methodology) must be completed **within the first 18 months** after registration as a student.



NAMB7900 Mini-dissertation (Research Report)

Elucidation:

- (i) The Mini-dissertation (Research Report) could include one of the following:
 - A full research project.
 - A critical academic analysis of at least five peer-evaluated publications or a meta-analysis.
 - An in-depth literature-supported review of one or more clinical cases.
- (ii) Disciplines individually determine which of the above choices are appropriate.
- (iii) All assessor's reports and mark sheets must be submitted to the Postgraduate Administration Office.
- (iv) MMed(Community Health) – Study Code 8730: MVKS7900 – mini-dissertation will replace NAMB7900.
MMed(Family Medicine) – Study Code 8753: MRPD7900 will replace NAMB7900.

B. Health Care Practice

Attendance

MGPV7900 Health Care Practice

Elucidation:

- (i) A minimum attendance rate of 80% is required.
- (ii) Before the MMed qualification can be obtained a student must pass module MGPV7900 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) MGPV7900 will be offered in the **first 24 months after registration** as a student and must include orientation, ethics and rights, communication and practice management.

Rule MGH2.6.2 Discipline-specific curricula

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

The syllabi of each discipline are compiled as such that the MMed 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.

Registrars will participate in undergraduate training and assessment subject to the rules that apply in the individual departments.



1. Anaesthesiology – MMed (Anaesthesiology) Study code 8704
480 Credits (including compulsory general modules)

Part I:	Basic subjects	PHMM7900	Physiology (Medicine)	60 credits
		MFRM7900	Pharmacology	60 credits
		MCHP7900	Chemical Pathology	40 credits
		MPMA7900	Medical Physics	40 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part II:	Major subject:	MANS7900	Anaesthesiology Portfolio	204 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) The portfolio, including the following, must be handed in before sitting for the final assessment:
1. Mini-dissertation (research report) (NAMB7900 in terms of Rule MGH2.6.1). Choice I (complete research project) and II (meta-analysis or systematic review), but not III, as indicated in elucidation, will be acceptable. As alternative to the choices stated in Rule MGH2.6.1, an article that had been accepted for publication in a recognised journal with peer-evaluation, and based on the stipulations for this module, will also be considered a mini-dissertation. The research report must be submitted six months prior to Part II examination. In exceptional cases and upon recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, and approval of Faculty Management, postponement of the research report may be allowed until after the Part II exam.
 2. Logbook.
 3. Proof of training assignments completed, including attendance modules NAMA7903 Research Methodology and MGPV7900, as well as other assignments.
- (ii) Continuous assessment (the portfolio) will count a percentage of the final assessment together with the Part II examination.
- (iii) Additional curricula information is available at the Head of Department of Anaesthesiology and on the website.
- (iv) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, Part I examination of the College for Anaesthesia receives recognition, but in addition to that, Chemical Pathology (MCHP7900) must also be passed before the final examination (Part II) may be taken.
- (v) The professional HPCSA single exit examination will be considered as equivalent to the Part II examination. No internal Part II exam will be presented.
- (vi) The awarding of the degree is subject to passing the main subject (MANS7900), three months residency in a critical care unit, and the submission of a comprehensive portfolio as required in Rule MGH2.6.1(a). The final exam, mini-dissertation and aspects of continuous assessment are assessed by external examiner(s).

Residency (RES): Four years.

2. Anatomical Pathology – MMed (Anatomical Pathology) Study code 8703
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	MANP7900 [#]	Anatomical Pathology	120 credits
		NAMA7903	Research Methodology	12 credits



Part II:	Major subject:	MANM7900 Anatomical Pathology	284 credits
		NAMB7900 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:
- | | | |
|-----------|--------------------|-------------|
| *MCEB7900 | Chemical Pathology | 175 credits |
| *MHEM7900 | Haematology | 175 credits |
| *MMKM7900 | Microbiology | 175 credits |
- (ii) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.
- (iii) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the Colleges of Medicine SA.

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

3. Cardiothoracic Surgery – MMed (Cardiothoracic Surgery) Study code 8713 600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900 Anatomy	60 credits
		PHMM7900 Physiology (Medicine)	60 credits
		MAPB7900 Anatomical Pathology	60 credits
Part II:	Subsidiary subject:	MCHI7900 General surgery principles including Intensive Care	152 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance
Part III:	Major subject:	MKTC7900 Cardiothoracic Surgery	192 credits
		NAMB7900 Mini-dissertation	64 credits

Elucidation:

- (i) The sequence of the residency periods will be determined after consultation with the Head of Department.
- (ii) A logbook must be kept.
- (iii) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, Part I and II of the assessment of the College of Cardiothoracic Surgeons of South Africa is recognised as equivalent to the MMed (Cardiothoracic Surgery) Part I and II, and candidates are encouraged to sit for the former.
- (iv) The topic for and nature of the mini-dissertation is determined in consultation with the Head of Department.
- (v) The mini-dissertation must be submitted six months before the final assessment, failing which admission to the assessment might be denied.
- (vi) The final examination must be written as close as possible to the end of the residency period. Part III of the assessment of the College of Cardiothoracic Surgeons of South Africa is recognised as equivalent to the final assessment of MMed (Cardiothoracic Surgery) Part III should the candidate opt to write only this examination.

- (vii) The major subject and mini-dissertation must be passed individually before the degree is conferred.
- (viii) Admission to the final assessment can occur only after successful completion of Part I and II, as well as the submission of a mini-dissertation or a published article on own research.
- (ix) Continuous assessment can count 30% of the final assessment.

Residency (RES): Five years.

4. Chemical Pathology – MMed (Chemical Pathology) Study code 8705
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	MCEP7900 [#] Chemical Pathology	120 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance

[#]Approved facet(s) of MCEB7900, MHEM7900, MMKM7900, MVIA7900 and MANP7900 (see Rule MGH2.7.1)

Part II:	Major subject:	MCEM7900 Chemical Pathology	284 credits
		NAMB7900 Mini-dissertation	64 credits

Elucidation:

- (i) Part II of the examination may only be written after completion of the mini-dissertation (NAMB7900).
- (ii) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:

*MCEB7900	Chemical Pathology	175 credits
*MHEM7900	Haematology	175 credits
*MMKM7900	Microbiology	175 credits
- (iii) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.

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

5. Clinical Pathology – MMed (Clinical Pathology) Study code 8715*
480 Credits (including compulsory general modules)

*Subject to amendment

Part I:	Basic Subjects:	MCEP7900 Chemical Pathology	40 credits
		MHEM7900 Haematology	40 credits
		MMKM7900 Microbiology	40 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance

Part II:	Major Subject:	MKLP7900 Clinical Pathology	284 credits
		NAMB7900 Mini-dissertation	64 credits

Elucidation:

- (i) The successful completion of modules in Research Methodology (NAMA7903) and Health Care Practice (MGPV7900) as well as the completion of a mini-dissertation (NAMB7900) is a prerequisite for the conferment of the degree (also see Rule MGH2.6.1).



- (ii) A residency period of 12 months and an assessment (MCEB7900, MHEM7900 and MMKM7900, respectively) of each of the disciplines is required. The duration of the residency period in the discipline where the research project is performed is 18 months.
- (iii) MMed (Clinical Pathology): 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.
- (iv) After completion of Part I there will be a residency of two months in each of the disciplines in preparation for MKLP7900. MKLP7900 will cover each of the three disciplines. It will consist of a three-hour written exam paper, laboratory practical and oral examination in each of the three disciplines.
- (v) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, the College of Pathologists (Clinical Pathology) (FCPathClin) of the Colleges of Medicine SA is recognised as equivalent to MKLP7900. In order to obtain the degree MMed (Clinical Pathology), a candidate must have satisfied the requirement of modules NAMA7903, NAMB7900 and MGPV7900. Permission to sit for the FCPathClin will be granted only after successful completion of MCEB7900, MHEM7900, MMKM7900, NAMA7903, NAMB7900, and the attendance of MGPV7900.
- (vi) A detailed module guide fully describing the curricula, portfolios, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.

Residency (RES): Four years.

6. Community Health – MMed (Community Health) Study code 8730
480 Credits (including compulsory general modules – excluding NAMB7900)

Part I:	Basic Subjects:	MVKG7900	Communicable and non-communicable health-related conditions	40 credits
		MVKA7900	Administration/management Theory and behavioural studies	40 credits
		MVKT7900	Theory of epidemiology, Biostatistics and demography	40 credits

Assessment:

One three-hour assessment paper in each of MVKG7900, MVKA7900 and MVKT7900. The assessment for Part I may not be written before the end of the first year of training.

Part II:	Major Subject:	MVKC7900	Community Health	60 credits
		(i)	Administration/Management of Health Services	
		(ii)	Systematic and Interventional Epidemiology	
		(iii)	Environmental Health	
		MVKS7900	Mini-dissertation	60 credits
		*MVKS7900 will replace NAMB7900		

Elucidation:

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



- (ii) After the student has passed Part I, at least 12 months must elapse before he/she may sit for Part II of the assessment. This assessment may not be written before the end of the third year of training.
- (iii) The formal assessment of SA College of Public Health Medicine could be used as an alternative assessment for the first part of assessment of MVKC7900 providing that the candidate complies with conditions/regulations set by the SA College of Public Health Medicine. This assessment may not be written if the six-monthly assessment reports from the Head of Department indicate that the student is not yet ready and not before the end of the third year of training.
- (iv) The second part of the assessment for MVKC7900 will still be conducted as described in the rules.
- (v) Before the degree is conferred upon a student, he/she must submit an acceptable mini-dissertation (MVKS7900) on an approved discipline.
- (vi) The mini-dissertation (MVKS7900) 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.
- (vii) Two external examiners will be appointed by the Head of the Department Community Health for the assessment of the submitted mini-dissertation.
- (viii) The student must have completed and passed MVKS7900 before he/she could report for the assessment of MVKC7900.

Residency (RES): Four years

NOTE:

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

7. Dermatology – MMed (Dermatology) Study code 8707
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	PHMM7900	Physiology (Medicine)	60 credits
		ANMM7900	Micro-anatomy	60 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part II:	Major subjects:	MDER7900	Dermatology	224 credits
		MPLH7900	Pathology of the skin (Both major subjects must be passed simultaneously)		60 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, Part I of the College of Dermatology of South Africa is recognised as equivalent to the MMed Part I.
- (ii) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, Part II of the College of Dermatology of South Africa (FCDerm) is recognised as equivalent to the final assessment of MDER7900. In order to obtain the degree MMed (Dermatology), a candidate must pass the examination in MPLH7900, as no equivalent examination is currently offered by the College. Consent to sit for the FCDerm Part II will be granted only after successful completion of MPLH7900.



- (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.

8. Diagnostic Radiology – MMed (Diagnostic Radiology) Study code 8708
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMR7900	Anatomy and Radiological Anatomy	60 credits
		MPMR7900	Radiological Physics	60 credits
Part II:	Subsidiary subject:	PHMM7900	Physiology (Medicine)	60 credits
		PATR7900	Pathology	60 credits
		RADP7900	General Radiology Principles	92 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part III:	Major subject:	MDIR7900	Diagnostic Radiology	192 credits
		NAMB7900	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) MMed (Diagnostic Radiology): Exam in Pathology (PATR7900), Physiology (PHMM7900) and General Radiology Principles (RADP7900) must be taken not before five(5) semesters and not later than six(6) semesters after first registration for the qualification.
- (iii) NAMB7900: Mini-dissertation/article must be submitted no later than 12 months before the final assessment, otherwise admission to the exam will be denied.
- (iv) Continuous assessment will count as part of the final assessment.
- (v) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the intermediate examination.

Residency (RES): Five years.

9. Family Medicine – MMed (Family Medicine) Study Code 8753
480 Credits (including compulsory general modules – excluding NAMB7900)

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

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

Admission requirements

Before a student may register for the MMed (Family Medicine) degree, he/she must:



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

Duration of programme

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

Clinical experience

Before the MMed (Family Medicine) degree is conferred on a student, he/she must convince the University that he/she:

- (a) Has 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 (4)four years according to the requirements of the department.
- (b) Has received theoretical, practical and clinical instruction as prescribed by the programme.
- (c) Was registered as student at the University for the prescribed period.
- (d) Has successfully completed the prescribed University assessment – written, oral, logbooks, portfolios, practical and/or clinical and a mini-dissertation – as prescribed.

Curriculum

(a) Elective modules

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

MMHA/B/C/D	Women's Health
MCHA/B/C/D	Neonatal and Child Health Care
MPAA/B/C/D	Palliative Care
MEMA/B/C/D	Accident and Emergency Care
MCFA/B/C/D	Clinical Forensic Medicine
MPHA/B/C/D	Primary Health Care, including TB, STD and HIV
MSAA/B/C/D	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
MDIA/B/C/D	Dispensing

(b) Part I

BMFA7904	(16C)	Applied Basic Medical Sciences (Family Medicine)
MKHA7900	(48C)	Clinical family medicine
MCMA7902	(8C)	Community Health
MPMA7902*	(8C)	Managing medical practice
MRPA7904*	(16C)	Mini-dissertation
MFHA7901*	(4C)	Family Health

* Continuation provided all requirements are met

Plus: Any three of the following elective modules:

MMHA7902	(8C)	Woman's health
MCHA7902	(8C)	Neonatal and Child Health Care
MPAA7902	(8C)	Palliative Care



MEMA7902	(8C)	Accident and Emergency Care
MCFA7902	(8C)	Clinical Forensic Medicine
MPHA7902	(8C)	Primary Health Care including TB, STD and HIV
MSAA7902	(8C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
MDIA7902	(8C)	Dispensing

(c) Part II

BMFB7904	(16C)	Applied Basic Medical Sciences (Family Medicine)
MKHB7900	(48C)	Clinical Family Medicine
MPMB7902	(8C)	Managing Medical Practice
MRPB7904*	(16C)	Mini-dissertation
MFHB7901*	(4C)	Family Health

* Continuation provided all requirements are met

Plus: The three elective modules in Part I

MMHB7902	(8C)	Woman's Health
MCHB7902	(8C)	Neonatal and Child Health Care
MPAB7902	(8C)	Palliative Care
MEMB7902	(8C)	Accident and Emergency Care
MCFB7902	(8C)	Clinical Forensic Medicine
MPHB7902	(8C)	Primary Health Care including TB, STD and HIV
MSAB7902	(8C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
MDIB7902	(8C)	Dispensing

Before completing Part II a candidate is expected to have successfully completed the requirements of the modules NAMA7903 and MGPV7900.

(d) Part III

MKHC7900	(48C)	Clinical Family Medicine
MFHC7908	(32C)	Family Health
MRPC7904*	(16C)	Mini-dissertation

* Continuation provided all requirements are met

Plus: The three selected elective modules in Part II

MMHC7902	(8C)	Women's Health
MCHC7902	(8C)	Neonatal and Child Health care
MPAC7902	(8C)	Palliative Care
MEMC7902	(8C)	Accident and Emergency Care
MCFC7902	(8C)	Clinical Forensic Medicine
MPHC7902	(8C)	Primary Health Care including TB, STD and HIV
MSAC7902	(8C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
MDIC7902	(8C)	Dispensing

(e) Part IV

MRPD7900	(48C)	Comprehensive mini-dissertation
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* MRPD7900 will replace NAMB7900

Plus: The three elective modules in Part III

MMHD7906	(24C)	Woman's Health
MCHD7906	(24C)	Neonatal and Child Health Care
MPAD7906	(24C)	Palliative Care

MEMD7906	(24C)	Accident and Emergency Care
MCFD7906	(24C)	Clinical Forensic Medicine
MPHD7906	(24C)	Primary Health Care including TB, STD and HIV
MSAD7906	(24C)	Procedural Skills including Surgery, Anaesthesiology and Medical Procedures
MDID7906	(24C)	Dispensing

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

Between Part III and Part IV it will be expected of the candidate to successfully complete a national outlet examination. This examination is currently presented by the College of Family Physicians as the FCFP final examination Section A of the Fellowship of Family Physicians. (Section B comprises the research component.)

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

Assessment

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

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

Pass mark and distinction

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

MKHB7900/MKHC7900	Clinical Family Medicine
MFHA7901/MFHB7901/MFHC7908	Family Health
MPMA7902/MPMB7902	Practice Management
MRPA7904/MRPB7904/MRPC7904/MRPD7900	Mini-dissertation

Plus the three elective modules:

MMHA7902/MMHB7902/MMHC7902/MMHD7906	Women's Health
MCHA7902/MCHB7902/MCHC7902/MCHD7906	Neonatal and Child Health Care
MPAA7902/MPAB7902/MPAC7902/MPAD7906	Palliative Care
MEMA7902/MEMB7902/MEMC7902/MEMD7906	Accident and Emergency Care
MCFA7902/MCFB7902/MCFC7902/MCFD7906	Clinical Forensic Medicine
MPHA7902/MPHB7902/MPHC7902/MPHD7906	Primary Health Care including TB, STD and HIV
MSAA7902/MSAB7902/MSAC7902/MSAD7906	Procedural Sills including Surgery, Anaesthesiology and Medical Procedures
MDIA7902/MDIB7902/MDIC7902/MDID7906	Dispensing



- (c) Assessment in MKHC7900 comprises an OSCE, written paper, portfolio and oral. Both the written paper and the OSCE must be passed individually in order to pass MKHC7900.
- (d) Assessment of the elective modules comprises written examinations, OSCE and continuous assessment by means of logbooks, case studies and portfolios. All three sections, namely written examinations, OSCE and continuous assessment, must be passed individually in order to pass the elective modules.

Special assessment

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

10. Forensic Medicine – MMed (Forensic Medicine)				Study code 8709
				600 Credits (including compulsory general modules)
Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
Part II:	Subsidiary subject:	MANP7900	Anatomical Pathology	152 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part III:	Major subject:	MGGN7900	Forensic Medicine (including Clinical Forensic Medicine, Toxicology and Medical Law)	252 credits
		NAMB7900	Mini-dissertation	64 credits

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

Elucidation:

- (i) MMed (Forensic Medicine): After a student has passed the Part I assessment, at least 24 months must elapse before Part II of the examination may be written.
- (ii) The sequence of the residency periods will be decided on after consultation with the relevant Heads of Departments.



11. Haematology – MMed (Haematology) Study code 8711
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	MHEA7900#	Haematology	120 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance

#Approved facet(s) of MCEB7900, MHEM7900, MMKM7900, MVIA7900 and MANP7900 (see Rule MGH2.7.1).

Part II:	Major subject:	MHEB7900	Haematology	284 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) Successful completion of the modules in Research Methodology (NAMA7903) and Health Care Practice (MGPV7900), as well as the completion of a mini-dissertation (NAMB7900) is a prerequisite for conferment of the degree (also see Rule MGH2.6.1).
- (ii) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:

*MCEB7900	Chemical Pathology	175 credits
*MHEM7900	Haematology	175 credits
*MMKM7900	Microbiology	175 credits
- (iii) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.
- (iv) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, Part I of the College of Pathologists (Haematology) of the SA Colleges of Medicine is recognised as being equivalent to the MMed (Haematology) Part I.
- (v) On the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, Part II of the College of Pathologists (Haematology) (FCPath Haem) of the Colleges of Medicine SA is recognised as equivalent to MHEB7900. In order to obtain the degree MMed (Haematology), a candidate must have satisfied the requirement of modules NAMA7903, NAMB7900 and MGPV7900. Permission to sit for the FCPath Haem Part II will be granted only after successful completion of NAMA7903, NAMB7900, and the attendance of MGPV7900.
- (vi) A detailed module guide fully describing the curricula, portfolios, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.

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

12. Internal Medicine – MMed (Internal Medicine) Study code 8712
480 Credits (including compulsory general modules)

Part I:	Basic subject:	MBWI7900	Basic sciences as related to the practice of Internal Medicine	120 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance

Part II:	Major subject:	MING7900	Principles and practice of Internal Medicine	284 credits
		NAMB7900	Mini-dissertation	64credits



Elucidation:

- (i) The sequence of the residency periods will be determined after consultation with the Head of Department.
- (ii) The logbook/portfolio as prescribed by the Colleges of Medicine SA must be kept up to date at all times and must be approved by the Head of Department before admittance to the final exam.
- (iii) The approved curriculum of the Colleges of Medicine SA for both Parts I and II will apply.
- (iv) The 'Fellowship of the College of Physicians' Part I as well as NAMA7903 and MGPV7900 must be completed within the first two years of training.
- (v) The topic for and nature of the mini-dissertation is determined in consultation with the Head of Department.
- (vi) The mini-dissertation must preferably be submitted no longer than six months before the final assessment. Failure to do so might lead to admission to the final assessment being denied.
- (vii) The FCP Part II of the Colleges of Medicine SA must be written as close to the end of the residency period as possible.
- (viii) The major subject and mini-dissertation must be passed individually before the degree can be conferred.

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

13. Medical Genetics – MMed (Medical Genetics) Study code 8742
480 Credits (including compulsory general modules)

Part I:	Basic sciences:	MMGA7900	Medical Genetics (Basic sciences)	142 credits
		MPGC7900	Psychology (Counselling Skills)	60 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part II:	Major subject:	MMGB7900	Medical Genetics (clinical applications)	202 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) The curriculum for Part I and II is determined by the Programme Head in accordance with external assessment bodies (the latter as approved by the Faculty Board), as far as possible to satisfy the requirements of internal assessment (Part I) and internal/external assessment as well as an alternative option of total external assessment (Part I and II). This curriculum will include aspects such as cytogenetics, molecular genetics, biochemical genetics, prenatal testing, medical ethics and principles of genetic counselling.
- (ii) Total external assessment of Part I and/or Part II, satisfying the requirements as determined by the programme head, could in addition serve as pass requirement of Part I and/or II. The special requirements of the external examination body, which are not necessarily defined in these rules, must still be satisfied.
- (iii) Part II of the assessment or external examination may be written only after completion of a research report (NAMB7900, Rule MGH2.6.1). The research report must either be published in a peer reviewed journal or presented at a national congress where abstracts are selected.



- (iv) Assessment in Part II is based on internal/external examination and includes equivalent written examination, OSCE examination, oral examination (if required), and clinical examination. Passing the clinical examination individually is a prerequisite for passing Part II.
- (v) Appropriate experience in clinical and laboratory skills must be supported by the presentation of a logbook and certification thereof by the Head of the Programme (see Rule MGH2.3).

Residency (RES): Four years.

14. Medical Microbiology – MMed (Medical Microbiology) Study code 8716
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	MKMA7900 #Microbiology	120 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance

#Approved facet(s) of MCEB7900, MHEM7900, MMKM7900 and MVIA7900 (see Rule MGH2.7.1).

Part II:	Major subject:	MKMB7900 Microbiology	284 credits
		NAMB7900 Mini-dissertation	64 credits

Elucidation:

- (i) A rotation period of six months in Medical Virology is a prerequisite, after which an examination in Medical Virology is written as part of continuous assessment.
- (ii) Successful completion of the modules in Research Methodology (NAMA7903) and Health Care Practice (MGPV7900), as well as the completion of a mini-dissertation (NAMB7900) is a prerequisite for the conferment of the degree (also see Rule MGH2.6.1).
- (iii) The subject for the mini-dissertation will be determined in consultation with the Head of Department.
- (iv) Possible recognition may be granted by the Executive Committee of the School of Medicine for the three modules below:

*MCEB7900	Chemical Pathology	175 credits
*MHEM7900	Haematology	175 credits
*MMKM7900	Microbiology	175 credits
- (v) *One or two of the abovementioned subjects may be offered in consultation with the Head of Department(s) concerned.
- (vi) On the recommendation of the Head of Department and the approval by the Executive Committee, School of Medicine, exemption from the primary examination of the University may be granted on condition that the primary examination of the Colleges of Medicine SA has already been passed.

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

15. Medical Virology – MMed (Medical Virology) Study code 8729
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	#MVIA7900 Virology	120 credits
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#Approved facet(s) of MCEB7900, MHEM7900, MMKM7900, MVIA7900 and MANP7900 (see Rule MGH2.7 1(e)).



NAMA7903	Research Methodology	12 credits
MGPV7900	Health Care Practice	Attendance

Part II:	Major subject:	MKMB7900	Virology	284 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) A rotation period of six months in Medical Microbiology is a prerequisite, after which an examination in Medical Microbiology will be written as part of continuous assessment.
- (ii) The successful completion of the modules in Research Methodology (NAMA7903) and Health Care Practice (MGPV7900), as well as the completion of a mini-dissertation (NAMB7900) is a prerequisite for the conferment of the degree (see Rule MGH2.6.1).
- (iii) The topic for the mini-dissertation will be determined in consultation with the Head of Department.
- (iv) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the intermediate examination.

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

16. Neurology – MMed (Neurology) Study code 8718
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMN7900	Neuro-anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance

Part II:	Major subject:	MNER7900	Neurology	284 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) The curriculum for Part I and II is determined by the Head of Department in accordance with SA Colleges of Medicine requirements to satisfy the requirements of assessment.
- (ii) Total external assessment (SA Colleges of Medicine) of Part I and Part II, satisfying the requirements as determined will serve as pass requirements of Part I – ANMN7900 (Neuro-anatomy) and PHMM7900 (Physiology) and Part II. The special requirements of the external examination body, which is not necessarily defined in these rules, must still be satisfied.
- (iii) Part II of the assessment as external examination may be undertaken only after completion of a mini-dissertation (NAMB7900, Rule MGH2.6.1).

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 Rule MGH2.3), or certification by the Head of Department of such experience.



17. Neurosurgery – MMed (Neurosurgery) Study code 8717
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	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:	MCHI7900	General surgical principles including Intensive Care	152 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance

Part III:	Major subject:	MNEU7900	Neurosurgery	192 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) A critical academic analysis of at least three peer-evaluated publications in neurosurgical scientific journals is essential before the degree can be conferred (see Rule MGH2.6.1).
- (ii) A candidate is afforded only two opportunities for Part III of the assessment. The second opportunity must occur during the following examination opportunity.

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

18. Nuclear Medicine – MMed (Nuclear Medicine) Study code 8714
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MPMN7900	Basic Physics and Instrumentation	60 credits

Part II:	Subsidiary subject:	MRFM7900	Radiopharmacy	90 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance

Part III:	Major subject:	MKKR7900	Clinical Nuclear Medicine	134 credits
		NAMB7900	Mini-dissertation	64 credits

Residency (RES): Four years.



19. Obstetrics and Gynaecology – MMed (Obstetrics and Gynaecology)

Study code 8719

600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
<i># From 2015: FCOG Part 1 alternatively MMed Part 1</i>				
Part II:	Subsidiary subject:	MOBS7900	Skills in Obstetrics and Gynaecology	60 credits
		MOBU7900	Ultrasound Portfolio	Competent
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part III:	Major subject:	MOBG7900	Obstetrics and Gynaecology	344 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) The duration of the course MMed (Obstetrics and Gynaecology) is five years.
- (ii) On admission to the course, the candidate should without delay register as a student at the University of the Free State.
- (iii) A logbook (according to the FCOG guidelines) of all clinical work must be kept throughout all the years of study.
- (iv) Part I of the course (Primary examination) has to be passed **within 18 months** after registration
- (v) The Department as well as the University recognises the FCOG (SA) Part I as well as the MMed Part I for the MMed (Obstetrics and Gynaecology) qualification.
- (vi) Part II (Intermediate examination) of the course (MOBS7900) has to be passed **within 36 months** after registration for the course.
- (vii) For admission to Part II (MOBS7900) of the assessment it is mandatory that the protocol for the planned research project (NAMB7900) must be accepted and registered at the Ethics Committee of the Faculty of Health Sciences. (Letter of acceptance and ECUFS number must be submitted).
- (viii) MOBS7900 includes the following: Ultrasound and imaging in Obstetrics and Gynaecology, Colposcopy, Gynaecological pathology and cytology, ESMOE, Basic Surgical Skills, Intensive Care, Basic Obstetric and Gynaecological Principles & evaluation, Embryology (subject related). . Research Methodology (NAMA7903) and Health Care Practice Management (MGPV7900) which are all mandatory before admission to Part II of the assessment (Intermediate).
- (ix) Satisfactory completion of **Ultrasound Portfolio** by the end of **48 months** following registration is compulsory for admission to Part III (Final examination) of the assessment.
- (x) Part III (MOBG7900) (Final examination) of the course) must be done during the last (fifth) year of residency.
- (xi) As a prerequisite for admission to the Part II of the Board Exam (SA College for Obstetricians & Gynaecologists) and/or the MMed (Obstetrics and Gynaecology) Part III the candidate must:
 - a. Successful complete Part I and II (*see points (iv)-(viii) above*) of the exams.
 - b. Submission of a detailed mini-dissertation within **48 months** after initial registration and according to the university's prescriptions on the research project as mentioned under point (vii). This extended essay will be examined by an internal as well as an external examiner.



- c. Submission and acceptance of an Ultrasound Portfolio in the prescribed format before 48 months following registration (see *Point (iv) above*).
- (xii) The MMed (Obstetrics and Gynaecology) degree will only be awarded once if Part II of the Board Exam AS WELL AS Part III of the MMed (MOBG7900) have both been passed. MOBG7900
- (xiii) In order to pass the MMed (Obstetrics and Gynaecology) Part III (MOBG7900), both clinical parts (Obstetrics as well as Gynaecology) of the examination must be passed.
- (xiv) Continuous assessment, including the completion of the log book will form part of the final assessment for the MMed (Obstetrics and Gynaecology).
- (xv) The MMed (Obstetrics and Gynaecology) qualification can be obtained with a distinction upon recommendation of the External examiner/s in this regard. ALL the different facets of the training will be considered AND the candidate must pass the MMed Part III examination with distinction (75% or more).

Residency (RES): Five years.

20. Ophthalmology – MMed (Ophthalmology) Study code 8721
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MPMO7900	Medical Physics (Ophth.)	60 credits
		MPAO7900	Pathology (Ophth.)	60 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part II:	Major subject:	MOFT7900	Ophthalmology	164 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) An externally evaluated mini-dissertation (NAMB7900) in accordance with the guidelines must be submitted and defended and will contribute 20% towards the final assessment mark. Continuous assessment is monitored by the supervisor. The mini-dissertation should preferably be handed in six months prior to the final assessment; otherwise admission to the examination might be refused.
- (ii) A logbook must also be submitted and will serve for inspection at the final practical assessment.
- (iii) Part I must, as far as possible, be passed within two years after first registration as registrar.
- (iv) Anatomy and Physiology of Part I of the College of Ophthalmologists of the Colleges of Medicine SA are recognised as being equivalent to the MMed (Ophthalmology) Part I, but Medical Optics and Pathology must be passed as part of the MMed (Ophthalmology) programme.
- (v) 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 SA will serve as final examination. The degree MMed (Ophthalmology) will be conferred after successful completion of the final examination of the College of Ophthalmologists of the Colleges of Medicine SA and provided that the Research Component (NAMB7900) has been passed. The candidate has two opportunities to sit for the examination, unless there are special circumstances, in which instance the Head of the School of Medicine will be consulted for final approval.

Residency (RES): Four and a half years.



21. Orthopaedic Surgery – MMed (Orthopaedic Surgery) Study code 8722
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	60 credits
Part II:	Subsidiary subject:	MCHI7900	General Surgery Principles including Intensive Care	152 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part III:	Major subject:	MORT7900	Orthopaedics	192 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the Colleges of Medicine 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 mini-dissertation (NAMB7900) is compulsory and is evaluated externally. This could comprise any of the choices stated in Rule MGH2.6.1, provided that a publication in a recognised journal would also be adequate.
- (v) Part III of the assessment includes oral examinations in Orthopaedic Pathology and Orthopaedic Radiology.
- (vi) Passing the clinical examination individually is a prerequisite for passing Part III.

Residency (RES): Five years.

22. Otorhinolaryngology – MMed (Otorhinolaryngology) Study code 8723
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	
			General Principles	60 credits
		NAMA7903	Research Methodology	12 credits
Part II:	Major subject:	MOTO7900	Otorhinolaryngology	224 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) An acceptable mini-dissertation in terms of Rule MGH2.6.1 is compulsory and will be evaluated externally.
- (ii) Continuous assessment of clinical and surgical skills, as well as theoretical knowledge will be done by the Department of Otorhinolaryngology. Results will be submitted to external assessors together with the results of Part I and II of the assessment (when



applicable). Completion of Part III of the assessment is subject to the approval of the above evaluation; however, this will not contribute to the final assessment mark.

- (iii) A logbook is compulsory and its format standardised.
- (iv) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, exemption from the MMed (Otorhinolaryngology) Part I on the basis of successful completion of the Colleges of Medicine SA Part I applies.

Residency (RES): Four years.

23. Paediatrics – MMed (Paediatrics) Study code 8724
480 Credits (including compulsory general modules)

Part I:	Basic Sciences:	MPEA7900	Paediatrics	180 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance

Elucidation:

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

Part II:	Major subject:	MPEB7900	Paediatrics	224 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) The compulsory general modules in Health Care Practice (MGPV7900), Research Methodology (NAMA7903) and the mini-dissertation (NAMB7900) must be completed in terms of Rule MGH2.6.1 before Part II can be written.
- (ii) MPEB7900 involves the principles and practice of paediatrics and child health.

Residency (RES): Four years.

24. Paediatric Surgery – MMed (Paediatric Surgery) Study code 87241
600 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	60 credits
Part II:		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance



	Subsidiary subject:	MCHI7900	General surgical principles, including Intensive Care	152 credits
Part III:		NAMB7900	Mini-dissertation	64 credits
	Major subject:	MPCH7900	Paediatric Surgery	192 credits

Elucidation

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

Residency (RES): Five years

25. Plastic Surgery – MMed (Plastic Surgery) Study code 8725 **600 Credits (including compulsory general modules)**

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology General Principles	60 credits
Part II:	Subsidiary subject:	MCHI7900	General surgical principles including Intensive Care	152 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part III:	Major subject:	MPUP7900	Plastic Surgery	192 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

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

Residency (RES): Five years.

26. Psychiatry – MMed (Psychiatry) Study code 8726 **480 Credits (including compulsory general modules)**

Part I:	Basic subjects:	MSIL7900	Psychology	60 credits
		ANMN7900	Neuro-anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits



Part II:	Subsidiary subject:	MINP7900	Internal Medicine (Neurology and Psychopharmacology)	90 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part III:	Major subject:	MPSG7900	Psychiatry	134 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

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

- (i) On the recommendation of the Head of Department and approval by the Executive Committee, School of Medicine, Part I of the College for Psychiatrists of South Africa is recognised as equivalent to the MMed (Psychiatry) Part I. Students may opt to do either the College Part I or the MMed 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) The research report must be passed individually in order to obtain the degree. This could comprise any of the choices stated in Rule MGH2.6.1.

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

Residency (RES): Four years.

27. Radiation Oncology – MMed (Radiation Oncology) Study code 8727
480 Credits (including compulsory general modules)

Part I:	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MPMT7900	Medical Physics (Rad.T.)	60 credits
Part II:	Subsidiary subjects:	MPAT7900	Pathology	60 credits
		MRBO7900	Radiobiology	30 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
Part III:	Major subject:	NAMB7900	Mini-dissertation	64 credits
		MOKT7900	Oncology (including Radiotherapy, Cancer Chemotherapy and Radio-isotopes)	134 credits

Elucidation

- (i) A mini-dissertation (NAMB7900) must be submitted before Part III of the examination may be written.
- (ii) A maximum of two attempts each will be permitted for assessment of Part I and II.
- (iii) The candidate must complete and pass Part I and Part II of the UFS MMed exam and the latter cannot be replaced with the College of Medicine SA primary exam.

Residency (RES): Four years.



28. Surgery – MMed (Surgery)			Study code 8706
600 Credits (including compulsory general modules)			
Part I:	Basic subjects:	ANMG7900	Anatomy 60 credits
		PHMM7900	Physiology (Medicine) 60 credits
		MAPB7900	Anatomical Pathology 60 credits
Part II:	Subsidiary subject:	NAMA7903	Research Methodology 12 credits
		MGPV7900	Health Care Practice Attendance
		MCHI7900	General Surgical Principles including Intensive Care 152 credits
Part III:	Major subject:	NAMB7900	Mini-dissertation 64 credits
		MCHR7900	General Surgery 192 credits

Elucidation:

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

Residency (RES): Five years.

29. Urology – MMed (Urology)			Study code 8728
600 Credits (including compulsory general modules)			
Part I:	Basic subjects:	ANMG7900	Anatomy 60 credits
		PHMM7900	Physiology (Medicine) 60 credits
		MAPB7900	Anatomical Pathology 60 credits
Part II:	Subsidiary subject:	MCHI7900	General Surgery Principles including Intensive Care 152 credits
		NAMA7903	Research Methodology 12 credits
		MGPV7900	Health Care Practice Attendance
Part III:	Major subject:	MURL7900	Urology 192 credits
		NAMB7900	Mini-dissertation 64 credits

Elucidation:

- (i) Continuous assessment involves internal and external assessment as well as critical evaluation of publications and participation in scientific research forums.
- (ii) Each candidate is expected to keep a portfolio in which there are records of the continuous formative assessment of the candidate, all surgical procedures, performed



or assisted with, are recorded as well as copies of presentations in the department at forums and congresses and publications during their training period is kept. The portfolio must be handed in 3 months prior to the assessment of Part III of the SA College of Urologists examination and is evaluated by external assessors.

- (iii) During the five-year residency period, each candidate is expected to deliver at least one presentation at the annual Faculty Forum.
- (iv) Part III of the SA College of Urologists examination may be written only after completion of the mini-dissertation on a urological research project or the alternatives as in point (vi) hereunder.
- (v) On recommendation of the Head of Department and on approval by the Executive Committee, School of Medicine exemption from the University's primary examination may be granted if the candidate has already passed the primary examination of the Colleges of Medicine SA. The same principle may be applied to the intermediate examination.
- (vi) The degree MMed (Urology) will be awarded after successful completion of Part III of SA College of Urologists examination as well as the successful completion of the research component, NAMB7900.

The research component can be one of the following:

1. A standard research project with the write of a protocol approved by the Faculty of Health Sciences Ethics Committee, the completion of the study and the writing of a research report or an article about the specific research.
2. A "Mini-Cochrane review", at least five articles from peer-reviewed publications about a specific subject must be critically analysed and discussed after which a conclusion must be reached and a report about the analyses and the conclusion must be handed in.
3. Case studies of at least three different clinical cases with a detailed and complete literature review about every case.
4. At least one publication in a peer-reviewed publication if it is motivated by the Head of Department and approved by the Executive Committee of the School of Medicine.

Residency (RES): Five years.

APPLICABLE TO ALL MMED DEGREES:

Rule MGH2.7 Assessment

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

Rule MGH2.7.1 Primary – Part I of the assessment: All disciplines

- (a) Examination in all the basic subjects must be written simultaneously, except in the disciplines Anaesthesiology, Ophthalmology, Radiation Oncology and Psychiatry where students may write assessment in any of the basic subjects. The assessment in Anatomy, Physiology and Anatomic Pathology (where applicable) comprises a written and oral examination in each of the stated subjects.
- (b) MMed (Chemical Pathology), (Medical Microbiology), (Haematology), (Medical Virology) and (Anatomical Pathology): Part I of the assessment of the College of Pathologists is recognised as being equivalent to the MMed Part I assessment.
- (c) To pass a subject in disciplines where all the subjects must be written simultaneously, an assessment mark of at least 40% must be obtained in a failed module to be allowed to repeat the specific failed module. Should a module be failed with less than 40%, the exam must be repeated in its entirety.
- (d) A student will be allowed to continue with the 4 year MMed 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. In all four year programmes (this includes additional examination), Part I must be fully passed **at 24 months after commencement of the programme**. A student who does not comply with this condition(s) may continue with the programme only on the recommendation of the Head of Department and approval by the Executive Committee of the School of Medicine and approval of Faculty Management.
- (e) Failed modules or examinations must be successfully completed at the first following reassessment. A student who does not adhere to these requirements cannot continue with the specific MMed programme. The Head of Department may recommend, in special circumstances only, and with approval of the Executive Committee, School of Medicine, that the candidate may continue.
- (f) MMed in Anaesthesiology, Internal Medicine, Human Genetics and Paediatrics: Part I of the assessment as a whole must be passed within 24 months after commencement of the programme.
- (g) For all five-year programmes: Part I of the assessment must be passed as a whole within 18 months after commencement of the programme (including additional examination). A student who does not comply with this condition may continue with the programme only on the recommendation of the Head of Department and approval of the Executive Committee of the School of Medicine.



- (h) No student will be permitted to write Part II while holding the post of medical officer.

Elucidation:

- (i) Disciplines could exercise the choice to personally conduct Part I of the assessment, or to have it conducted by the relevant Colleges of Medicine SA.
- (ii) Part I of the Colleges of Medicines SA may be viewed and recognised as equal to Part I of the MMed programme. It must be recommended by the Head of Department and approved by the Executive Committee, School of Medicine, and Faculty Management.
- (iii) Exemption from basic subjects may be granted on the recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, after being satisfied that the student has passed an equivalent assessment at an institution recognised by the University.

Rule MGH2.7.2 Intermediate – Part II of the assessment: Five year programmes

- (a) After a student has passed Part I, preferably 12 months must elapse before he/she report for Part II of the assessment, with the consent of the relevant Head of Department.
- (b) MMed in Surgery, Cardiothoracic Surgery, Neurosurgery, Orthopaedic Surgery, Paediatric Surgery, Plastic Surgery and Urology: A student must pass Part II (subsidiary subjects) as a whole (including reassessment) within 36 months of commencement of studies. The Head of Department must recommend it and it must be approved by the Executive Committee, School of Medicine.
- (c) All failed intermediate (Part II) exams must be successfully completed at the first following Additional Examination. A student who does not adhere to these requirements cannot continue with the specific MMed programme. The Head of Department may recommend, in special circumstances only, and with approval of the Executive Committee, School of Medicine that the candidate may continue and is given a third chance to repeat Part II.

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

- (a) The final exam may not be written before the commencement of the final year of study, except upon recommendation of the Head of Department and approval of the Executive Committee, School of Medicine, and Faculty Management. Preferably 12 months must elapse after the previous examination has been successfully completed.
- (b) MMed (Chemical Pathology), (Medical Microbiology), (Haematology), (Anatomical Pathology) and (Medical Virology): Part II of the assessment may be written after a minimum of three academic years of study.

Rule MGH2.7.4 Continuous assessment

Elucidation:

- (i) Continuous assessment with appropriate feedback is done throughout the course of the training. External assessment could be involved. This could contribute to 40% of the final combined mark of the major subject.
- (ii) The compulsory research component of all MMed programmes must preferably be completed and assessed to be admitted to the final examination as dictated by the department.



Rule MGH2.7.5 Examination results

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

Should there only be an oral assessment involved, points (a) to (f) are replaced with a discussion with the Head of Department. Should a student still be dissatisfied with the result, the student has the right to immediate appeal to the Academic Appeals Committee of the Faculty of Health Sciences. A written request in this regard must be submitted to the Deputy Director at least five days after the examination results have been made known.

Elucidation:

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

Rule MGH2.8 Pass with distinction

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



Elucidation:

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

Rule MGH2.9 Additional Examination

- (a) A candidate who has presented him-/herself for a final exam in a degree which would have counted as a final assessment opportunity and then fails that assessment opportunity, may apply for no other final assessment opportunity until a remedial period has elapsed, as approved by the Head of Department.
- (b) An MMed student may not write an additional examination in a subject before at least six months have elapsed after the assessment in which he had failed the subject concerned.

Elucidation:

The candidate is expected to participate in the following assessment opportunity (comprehensive mini-dissertation excluded).

- (c) In the case of Part II and Part III of the assessment, the examination as a whole must be repeated.

Rule MGH2.10 Extension of the study period

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

Elucidation:

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

Rule MGH2.11 Conferment of the degree

Before the MMed degree is conferred on a student, he/she must convince the University that he/she:

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



Rule MGH3 RULES FOR THE DEGREE MASTER OF MEDICAL SCIENCE

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

Rule MGH3.1 Admission requirements

To be allowed to register for the degree MMedSc a student must be in possession of one of the following:

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

Rule MGH3.2 Disciplines

The degree MMedSc may be offered in any of the following disciplines in the Faculty of Health Sciences:

Anatomy and Cell Morphology (ANMD)	Human Molecular Biology (MMBG)
Anatomical Pathology (MANP)	Immunology (MIMN)
Biostatistics (MBST)	Medical Microbiology (MMKM)
Cardiothoracic Surgery (MKTC)	Medical Physics (MPRS)
Chemical Pathology (MCEP)	Radiation Oncology (MOKT)
Clinical Radiology (MRBO)	Pharmacology (Analytical/Clinical) (MFRM)
Critical Care (MKRS)	Physiology (PHMD)
Haematology and Cell Biology (MHEM)	Virology (MVIR)
Human Genetics (MMNG)	

The module code comprises the abbreviation of the discipline followed by the code **8900**.

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

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

Admission requirements

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

A student must be in possession of a BMedScHons, MSc or PhD degree in Physics or an equivalent qualification.

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



Composition

MPRS7954	Radiation Biology (Medical Physics)	16 credits
MPRS7914	Radiation Physics	16 credits
MPRS7924	Medical Physics for Diagnostic Radiology	16 credits
MPRS7944	Medical Physics for Nuclear Medicine	16 credits
MPRS7964	Radiation Treatment Planning	16 credits
MPRS7984	Radiation Treatment Modalities	16 credits
MPRS7934	Radiation Protection	16 credits
MPRS7900	Mini-dissertation	88 credits

Elucidation:

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

Duration of programme

The minimum duration of the study is two years.

Assessment

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

MPRS7900 Mini-dissertation will be subject to external assessment.

Admission to assessment opportunity

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

Elucidation:

Students are required to utilise the main examination opportunity for all modules. Students can only qualify for participation in the additional examination opportunity if they have participated in and qualified for the main examination opportunity.

Composition of module marks

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

Pass requirements

See General Rules of the University of the Free State

For each module (excluding MPRS7900) both the module mark and the assessment mark contribute 50% to the final combined mark.

For MPRS7900 the mean mark awarded by the internal and external assessors will be used with a minimum pass mark of 50%.

Additional Examination

See General Rules of the University of the Free State.



2. Critical Care **Study code 8732**

MKRS7900	Critical Care (two written assessment papers and an oral assessment)	90 credits
MKSS7900	Mini-dissertation	90 credits

Elucidation

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

Duration of programme

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

Pass requirements

See General Rules of the University of the Free State.

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 BMedScHons degree in Medical Physics or an equivalent qualification.

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

Composition

Dissertation	MPRS8900	200 credits
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Duration of programme

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

Pass requirements

See General Rules of the University of the Free State.



Rule MGH4 RULES FOR THE DEGREE MASTER OF SPORT MEDICINE

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

Rule MGH4.1 Admission requirements

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

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

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

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

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

Rule MGH4.2 Duration of programme

The programme extends over three years (300 credits)

Rule MGH4.3 Curriculum

Module work	180 credits
Research (research project and module work)	120 credits
Clinical learning: MCLL7900 extends over three years (<i>case logbooks, patient presentations, academic discussions, clinical skills unit, elective period at recognised facilities</i>)	100 credits
Research project: MRPJ7900 extends over three years	100 credits

Year organisation:

Year 1:

- Modules:
 - Research methodology MNAV7905 20 credits
 - Basic Medical Sciences BMMS7905 20 credits
 - Exercise physiology MEXP7905 20 credits
- Clinical learning (continuation 20 of 100 credits) MCLL7900 100 credits
- Research project: (continuation 20 of 100 credits)
 - Development of a research protocol MRPJ7900 100 credits

Year 2:

- Modules:
 - Cardiopulmonary system MCPS7902 8 credits
 - Applied Sports Medicine MASM7903 12 credits
 - Clinical Exercise Medicine MEXM7902 8 credits
 - Clinical Sports Medicine MCSP7900 12 credits



- Clinical learning (continuation 20 of 100 credits) MCLL7900 100 credits
- Research project: (continuation 40 of 100 credits) MRPJ7900 100 credits
 - Literature study and empirical research

Year 3:

- Modules:
 - Clinical sports medicine MCSM7903 12 credits
 - Orthopaedic sports medicine MOSG7907 28 credits
- Clinical learning: (continuation 60 of 100 credits) MCLL7900 100 credits
 - Case logbooks
 - Patient presentations
 - Academic discussions
 - Clinical Skills Unit
 - Elective period at recognised facilities
- Research project: (continuation 40 of 100 credits) MRPJ7900 100 credits
 - Writing and completion of research project

Rule MGH4.4 General

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

Rule MGH4.5 Assessment

1. Competency will be proved by demonstration of stated outcomes to comply with standards set by the University of the Free State and the Faculty of Health Sciences. Efficiency and effectiveness in the achievement of stated outcomes and general performance in sports and exercise medicine and as researcher will be assessed. Students will be required to offer proof of competency through various means, including case portfolios, discussions, assignments, practical demonstrations and concept scientific articles. Skills will be assessed in real settings. The research project will be assessed in accordance with the General Rules 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.

Rule MGH4.6 Promotion and distinctions

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

M.SPORTS MEDICINE

<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

UFS SCHOOL OF MEDICINE

<p>YEAR 3:</p> <ul style="list-style-type: none"> CLINICAL LEARNING: MODULE 1 RESEARCH PROJECT: FINAL RESEARCH PROJECT AND CONCEPT ARTICLES PRESENTATION OF RESEARCH SPORTS INJURIES ORTHOPAEDICS <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>

Programme Planner: Dr L Holtzhausen

<p>ASSESSMENT:</p> <ol style="list-style-type: none"> END 1ST AND 2ND YEAR OF STUDY: FORMAL WRITTEN AND/OR ORAL EXAMINATION CONTINUING ASSESSMENT THROUGHOUT <ul style="list-style-type: none"> 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>

100 CREDITS: MODULES: 40C, RESEARCH: METHODOLOGY & PROTOCOL: 40C (20 + 20), CLINICAL LEARNING: 20C								
1 ST YEAR	RESEARCH METHODOLOGY Code: NAV105	20C	BASIC MEDICAL SCIENCES Code: BMMS7905	20C	EXERCISE PHYSIOLOGY Code: MEXP7905	20C	CLINICAL LEARNING Code: MCLL7900	20C
	RESEARCH PROJECT Code: MRPJ7900	20C	<ul style="list-style-type: none"> APPLIED ANATOMY EXERCISE BIOCHEMISTRY INTRO TO BIOMECHANICS 	<ul style="list-style-type: none"> MUSCLE CARDIOVASCULAR SYSTEM RESPIRATORY 	<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								
2 ND YEAR	<p>MODULES:</p> <p>CARDIOPULMONARY SYSTEM Code: MCPS7902</p> <ul style="list-style-type: none"> CARDIOLOGY PULMONOLOGY 	8C	<p>CLINICAL EXERCISE MEDICINE Code: MEXM7902</p> <ul style="list-style-type: none"> DERMATOLOGY ONCOLOGY OBS & GYNAE NEUROLOGY RHEUMATOLOGY PAEDIATRICS ENDOCRINOLOGY GASTROENTEROLOGY NEPHROLOGY 	8C	<p>APPLIED SPORTS MEDICINE Code: MASM7903</p> <ul style="list-style-type: none"> HAEMATOLOGY & IMMUNOLOGY FLUID BALANCE SPORTS NUTRITION PHARMACOLOGY & ERGOGENICS PRINCIPLES OF ORTHO REHAB PRINCIPLES OF EXERCISE PRESCRIPTION 	12C	<p>CLINICAL SPORTS MEDICINE Code: MCSP7900</p> <ul style="list-style-type: none"> EMERGENCY SPORTS MEDICINE ELITE ATHLETES ENVIRONMENTAL SPORTS MEDICINE DIVING MEDICINE AVIATION MEDICINE PSYCHOLOGY MYOLOGY 	12C
	RESEARCH PROJECT Code: RPJ792 40C LITERATURE STUDY AND EMPIRICAL RESEARCH			CLINICAL LEARNING 20C Code: MCLL7900				

100 CREDITS: MODULES: 40C, RESEARCH: PROJECT: 40C, CLINICAL LEARNING: 20C						
3 RD YEAR	<p>MODULES:</p> <p>CLINICAL SPORTS MEDICINE Code: MCSP7903</p> <ul style="list-style-type: none"> INTRODUCTION PREVENTION RADIOLOGY PODIATRY 	12C	<p>ORTHOPAEDIC SPORTS MEDICINE Code: MOSG7907</p> <ul style="list-style-type: none"> MUSCLE AND SOFT TISSUE INJURIES BONE AND BONE STRESS KNEE LOWER LEG 	28C	<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
	RESEARCH PROJECT Code: RPJ792	40C	WRITING OF RESEARCH PROJECT/ARTICLES ORAL ASSESSMENT	CLINICAL LEARNING Code: CLL705	20C	



**Rule MGH5 RULES FOR THE DEGREE MASTER IN MEDICAL SCIENCE IN
TRANSFUSION MEDICINE**

Rule MGH5.1 Admission requirements

Students may register for the degree MMedSc (Transfusion Medicine) if he/she:

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

Admission is subject to selection.

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

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

Rule MGH5.2 Duration of programme

The programme extends over a minimum period of two years.

Rule MGH5.3 Curriculum

Dissertation	MTMO8900	180 credits
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Rule MGH5.4 Assessment

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

Rule MGH5.5 Pass requirements

See General Rules of the University of the Free State.

Rule MGH5.6 Additional Examination

See General Rules of the University of the Free State.

Rule MGH6 RULES FOR THE DEGREE PHILOSOPHIAE DOCTOR

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

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

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

Anaesthesiology (MANS)	Medical Physics (MPRD)
Anatomical Pathology (MANP)	Medical Physiology (PHPH)
Anatomy and Cell Morphology (ANPH)	Neurology (MNER)
Biostatistics (MBST)	Neurosurgery (MNEU)
Cardiology (MKAR)	Nuclear Medicine (MKGN)
Cardiothoracic Surgery (MTTC)	Obstetrics and Gynaecology (MOBG)
Chemical Pathology (MCEP)	Ophthalmology (MOFT)
Clinical Radiobiology (MRBO)	Orthopaedic Surgery (MORT)
Community Health (MVKG)	Otorhinolaryngology (MOTO)
Critical Care (MKRS)	Paediatrics (MPED)
Dermatology (MDER)	Pharmacology (Analytical/Clinical) (MFRM)
Diagnostic Radiology (MDIR)	Plastic Surgery (MPUP)
Family Medicine (MHAK)	Psychiatry (MPSG)
Forensic Medicine (MGGN)	Radiographic Sciences (MKGW/MDIR)
Haematology and Cell Biology (MHEM)	Radiation Oncology (MOKT)
Human Molecular Biology (MMBG)	Surgery (MCHR)
Internal Medicine (MING)	Urology (MURL)
Medical Microbiology/Virology (MMKM/MVIR)	

The module code of the discipline registered for comprises the abbreviation of the discipline, followed by the code **9100**.

Rule MGH7 RULES FOR THE DEGREE OF DOCTOR IN MEDICINE**Rule MGH7.1 Admission requirements**

A student must comply with both the stipulations of the General Rules for doctor's degrees and with the special rules 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:

Anaesthesiology (MMNS)	Medical Physics (MPMD)
Anatomical Pathology (MMNP)	Medical Physiology (PHPD)
Anatomy and Cell Morphology (ANPD)	Neurology (MMER)
Biostatistics (MMTS)	Neurosurgery (MMEU)
Cardiology (MKAR)	Nuclear Medicine (MMKN)
Cardiothoracic Surgery (MKTC)	Obstetrics and Gynaecology (MMOG)
Chemical Pathology (MMEP)	Ophthalmology (MMFT)
Clinical Radiobiology (MMBO)	Orthopaedic Surgery (MMRT)
Community Health (MMKG)	Otorhinolaryngology (MMTO)
Critical Care (MMRS)	Paediatrics (MMED)
Dermatology (MMDE)	Pharmacology (Analytical/Clinical) (MMRM)
Diagnostic Radiology (MMIR)	Plastic Surgery (MMUP)
Family Medicine (MMHA)	Psychiatry (MMSG)
Forensic Medicine (MMGN)	Radiographic Sciences (MKGN)
Haematology and Cell Biology (MMEM)	Radiation Oncology (MMKT)
Human Molecular Biology (MMBG)	Surgery (MMHR)
Internal Medicine (MMNG)	Urology (MMRL)
Medical Microbiology/Virology (MMM/MMVI)	

The module code of the discipline registered for comprises the abbreviation of the discipline, followed by the code **9100**.

Elucidation:

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

DOCTOR SCIENTIAE	360 Credits
DSc	Study code 8940

Rule MGH8 RULES FOR THE DEGREE DOCTOR SCIENTIAE

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

The module code of the discipline registered for comprises the abbreviation of the discipline, followed by the code **9100**.

For further detail, see General Rules of the University of the Free State.

Rule MGH9 **RULES FOR THE POSTGRADUATE DIPLOMA IN ENDOCRINOLOGY**

Rule MGH9.1 **Admission requirements**

MMed (Internal Medicine) or F.C.P. (S.A.)

Rule MGH9.2 **Duration of programme**

Two years full-time.

Rule MGH9.3 **Training experience**

Before the PGDip (Endocrinology) can be conferred on a student, he/she must convince the University that he/she:

- (i) Has held a position in a numbered subspecialty trainee post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Has received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (iii) Had been registered as a student with the University for the prescribed period.
- (iv) Has complied with the regulations of the College of Physicians (CoP) of the Colleges of Medicine of South Africa (CMSA) for admission to the examination for the post-specialisation Certificate in the Sub-Speciality in Endocrinology (Cert Endocrinology (SA)).

Rule MGH9.4 **Curriculum**

The core curriculum as set out in the regulations for the post-specialisation Certificate in the Sub-Speciality in Endocrinology (Cert Endocrinology (SA)) of the College of Physicians applies and is available on the CMSA web site.

Year 1:	Advanced Endocrinology	MAEA5800	120 credits
Year 2:	Advanced Endocrinology	MAEB5800	120 credits

Rule MGH9.5 **Assessment**

- (i) The Health Professions Council of South Africa (HPCSA) requires that sub-specialists sit for uniform exit examinations. The College of Physicians (CoP) of the CMSA is currently mandated to perform this assessment according to the regulations outlined in MGH10.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Endocrinology).
- (ii) A student passes with honours if a CMSA assessment mark of at least 75% is obtained.

Rule MGH10 RULES FOR THE POSTGRADUATE DIPLOMA IN GASTROENTEROLOGY

Rule MGH10.1 Admission requirements

MMed (Internal Medicine) or F.C.P. (S.A.)

Rule MGH10.2 Duration of programme

Two years full-time.

Rule MGH10.3 Training experience

Before the PGDip (Gastroenterology) can be conferred on a student, he/she must convince the University that he/she:

- (i) Has held a position in a numbered subspecialty trainee post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Has received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (iii) Had been registered as a student with the University for the prescribed period.
- (iv) Has complied with the regulations of the College of Physicians (CoP) of the Colleges of Medicine of South Africa (CMSA) for admission to the examination for the post-specialisation Certificate in the Sub-Speciality in Gastroenterology (Cert Gastroenterology (SA)).

Rule MGH10.4 Curriculum

The core curriculum as set out in the regulations for the post-specialisation Certificate in the Sub-Speciality in Gastroenterology (Cert Gastroenterology (SA)) of the College of Physicians applies and is available on the CMSA web site.

Year 1:	Advanced Gastroenterology	MAVA5800	120 credits
Year 2:	Advanced Gastroenterology	MAVB5800	120 credits

Rule MGH10.5 Assessment

- (i) The Health Professions Council of South Africa (HPCSA) requires that sub-specialists sit for uniform exit examinations. The College of Physicians (CoP) of the CMSA is currently mandated to perform this assessment according to the regulations outlined in MGH11.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Gastroenterology).
- (ii) A student passes with honours if a CMSA assessment mark of at least 75% is obtained.

Rule MGH11 RULES FOR THE POSTGRADUATE DIPLOMA IN GERIATRIC MEDICINE

Rule MGH11.1 Admission requirements

MMed (Internal Medicine) or F.C.P. (S.A.)

Rule MGH11.2 Duration of programme

Two years full-time

Rule MGH11.3 Training experience

Before the PGDip (Geriatric Medicine) can be conferred on a student, he/she must convince the University that he/she:

- (i) Has held a position in a numbered subspecialty trainee post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Has received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (iii) Had been registered as a student with the University for the prescribed period.
- (iv) Has complied with the regulations of the College of Physicians (CoP) of the Colleges of Medicine of South Africa (CMSA) for admission to the examination for the post-specialisation Certificate in the Sub-Speciality in Geriatrics (Cert Geriatric Medicine (SA)).

Rule MGH11.4 Curriculum

The core curriculum as set out in the regulations for the post-specialisation Certificate in the Sub-Speciality in Geriatrics (Cert Geriatric Medicine (SA)) of the College of Physicians applies and is available on the CMSA web site.

Year 1:	Advanced Geriatric Medicine	MGMA5800	120 credits
Year 2:	Advanced Geriatric Medicine	MGMB5800	120 credits

Rule MGH11.5 Assessment

- (i) The Health Professions Council of South Africa (HPCSA) requires that sub-specialists sit for uniform exit examinations. The College of Physicians (CoP) of the CMSA is currently mandated to perform this assessment according to the regulations outlined in MGH12.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Geriatric Medicine).
- (ii) A student passes with honours if a CMSA assessment mark of at least 75% is obtained.

Rule MGH12 RULES FOR THE POSTGRADUATE DIPLOMA IN NEPHROLOGY

Rule MGH12.1 Admission requirements

MMed (Internal Medicine) or F.C.P. (S.A.)

Rule MGH12.2 Duration of programme

Two years full-time

Rule MGH12.3 Training experience

Before the PGDip (Nephrology) can be conferred on a student, he/she must convince the University that he/she:

- (i) Has held a position in a numbered subspeciality trainee post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Has received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (iii) Had been registered as a student with the University for the prescribed period.
- (iv) Has complied with the regulations of the College of Physicians (CoP) of the Colleges of Medicine of South Africa (CMSA) for admission to the examination for the post-specialisation Certificate in the Sub-Speciality in Nephrology (Cert Nephrology (SA) Phys).

Rule MGH12.4 Curriculum

The core curriculum as set out in the regulations for the post-specialisation Certificate in the Sub-Speciality in Nephrology (Cert Nephrology (SA)) of the College of Physicians applies and is available on the CMSA web site.

Year 1:	Advanced Nephrology	MANA5800	120 credits
Year 2:	Advanced Nephrology	MANB5800	120 credits

Rule MGH12.5 Assessment

- (i) The Health Professions Council of South Africa (HPCSA) requires that sub-specialists sit for uniform exit examinations. The College of Physicians (CoP) of the CMSA is currently mandated to perform this assessment according to the regulations outlined in MGH13.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Nephrology).
- (ii) A student passes with honours if a CMSA assessment mark of at least 75% is obtained.

Rule MGH13 RULES FOR THE POSTGRADUATE DIPLOMA IN PULMONOLOGY

Rule MGH13.1 Admission requirements

MMed (Internal Medicine) or F.C.P. (S.A.)

Rule MGH13.2 Duration of programme

Two years full-time

Rule MGH13.3 Training experience

Before the PGDip (Pulmonology) can be conferred on a student, he/she must convince the University that he/she:

- (i) Has held a position in a numbered subspeciality trainee post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Has received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (iii) Had been registered as a student with the University for the prescribed period.
- (iv) Has complied with the regulations of the College of Physicians (CoP) of the Colleges of Medicine of South Africa (CMSA) for admission to the examination for the post-specialisation Certificate in the Sub-Speciality in Pulmonology (Cert Pulmonology (SA)).

Rule MGH13.4 Curriculum

The core curriculum as set out in the regulations for the post-specialisation Certificate in the Sub-Speciality in Pulmonology (Cert Pulmonology (SA)) of the College of Physicians applies and is available on the CMSA web site.

Year 1:	Advanced Pulmonology	MAPA5800	120 credits
Year 2:	Advanced Pulmonology	MAPB5800	120 credits

Rule MGH13.5 Assessment

- (i) The Health Professions Council of South Africa (HPCSA) requires that sub-specialists sit for uniform exit examinations. The College of Physicians (CoP) of the CMSA is currently mandated to perform this assessment according to the regulations outlined in MGH14.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Pulmonology).
- (ii) A student passes with honours if a CMSA assessment mark of at least 75% is obtained.

Rule MGH14 RULES FOR THE POSTGRADUATE DIPLOMA IN CLINICAL HAEMATOLOGY

Rule MGH14.1 Admission requirements

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

- Must be registered with the HPCSA as physician and hold an MMed (Interne Medicine) or equivalent qualification.
- Must be registered with the HPCSA as a haematological pathologist and hold an MMed (Haematology) or equivalent qualification.

Rule MGH14.2 Duration of programme

Two years full-time.

Rule MGH14.3 Clinical experience

Before the PGDip (Clinical Haematology) is conferred on a student, he/she must convince the University that he/she:

- Has 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.
- Has received theoretical, practical and clinical instruction.
- Had been registered as a student at the University for the prescribed period.
- Has successfully passed the relevant College exam as prescribed by the University of the Free State.

Elucidation:

- Only a post linked to a senior registrar number is recognised by the HPCSA.
- 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.

Rule MGH14.4 Curriculum

Clinical Haematology **MCHS5800 (240 credits)** (for the students who are qualified as physicians):

- All aspects of clinical and laboratory haematology management are covered.

Clinical Haematology **MCHP5800 (240 credits)** (for the students who are qualified as haematological pathologists):

- All aspects of clinical haematology are covered.

Rule MGH14.5 Assessment

The subspeciality certificate in Clinical Haematology of the relevant colleges of the College of Medicine of South Africa is recognised as the only exit examination.

Rule MGH14.6 Pass with distinction

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

Rule MGH14.7 Additional Examination

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

Rule MGH14.8 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.

Rule MGH14.9 Awarding of the diploma

The diploma is awarded at the end of the training period once the candidate has passed the CMSA examination and completed their training time.

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.

POSTGRADUATE DIPLOMA IN GENERAL INTERVENTIONAL RADIOLOGY 240 Credits PGDip (General Interventional Radiology) Study code 8211

Rule MGH15 RULES FOR THE POSTGRADUATE DIPLOMA IN GENERAL INTERVENTIONAL RADIOLOGY

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

Rule MGH15.1 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 MMed (Diagnostic Radiology) or an equivalent Diagnostic Radiology qualification, or be admitted to the status of MMed (Diagnostic Radiology) on the recommendation of the Faculty of Health Sciences.
- (b) Be appointed in a Department of Radiology at an accredited training hospital that has the appropriate facilities at its disposal.

Elucidation:

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

Rule MGH15.2 Duration of programme

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

Rule MGH15.3 Curriculum

First semester:

MUID5810	Uro-intervention, Drainage and Biopsy	60 credits
MIUA5810	Endovascular Intervention 1	60 credits

Second semester:

MIUB5820	Endovascular Intervention 2	60 credits
MGII5820	Gastro-intestinal Intervention	60 credits

Rule MGH15.4 Assessment

One three-hour question paper per semester

Oral – second semester

Logbook – second semester

Rule MGH15.5 Pass requirements

See General Rules of the University of the Free State.

POSTGRADUATE DIPLOMA IN MEDICAL PHYSICS	256 Credits
PGDip (Medical Physics)	Study code 8213

Rule MGH16 RULES FOR THE POSTGRADUATE DIPLOMA IN MEDICAL PHYSICS

The rules concerning postgraduate diplomas with the necessary adjustments are applicable to the Faculty of Health Sciences. These rules are included in the General Rules. It is the responsibility of students or prospective students to familiarise themselves with these rules.

Rule MGH16.1 Admission requirements

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

Rule MGH16.2 Admission of students from other universities

Rules A27 of the General Rules apply. Students will only be allowed to enrol for the learning programme after submission of a syllabus and credits of each module passed. The department offering the programme will evaluate these modules. The department reserves the right to require that such a student pass an entrance examination.

Rule MGH16.3 Duration of programme

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

Rule MGH16.4 Curriculum**Module**

MPDT5800	Medical Physics for Radiotherapy I	64 credits
MPDP5800	Medical Physics for Radiotherapy II	64 credits
MPDD5800	Medical Physics for Diagnostic Radiology	64 credits
MPDN5800	Medical Physics for Nuclear Medicine	64 credits

Elucidation:

Some modules can be offered at external centres.

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

Rule MGH16.5 Assessment

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

Rule MGH16.6 Pass with distinction

The diploma is awarded with distinction if:

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

Rule MGH16.7 Pass requirements

See General Rules of the University of the Free State.

POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY	128 Credits
PGDip (Clinical Pharmacology)	Study code 8212

Rule MGH17 RULES FOR THE POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY**Rule MGH17.1 Admission requirements**

MBChB or BPharm

Rule MGH17.2 Duration of programme

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

Rule MGH17.3 Curriculum

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

Semester 1:	Advanced Clinical Pharmacology	MACA5810	64 credits
Semester 2:	Advanced Clinical Pharmacology	MACB5820	64 credits

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

Rule MGH17.4 Assessment

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

(a) MACA5810: Assignments in Clinical Pharmacology and Clinical Toxicology: Two tests of two hours each and an examination of three hours:	50%
(b) MACB5820: Case reports (an average score for five case reports):	20%
(c) MACB5820: Presentation of mini-dissertation /dissertation	30%
Total mark:	100%

Rule MGH17.5 Pass requirements

See General Rules of the University of the Free State.

POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE	120 Credits
PGDip (Transfusion Medicine)	Study code 8223

Rule MGH18 RULES FOR THE POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE

Rule MGH18.1 Admission requirements

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

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

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

Rule MGH18.2 Duration of programme

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

Rule MGH18.3 Curriculum

Part I

- | | | | |
|-------|----------|--|------------|
| (i) | MTMO5804 | Organisation and Management of a Transfusion Service | 16 credits |
| (ii) | MTMP5804 | Principles of Blood Banking and Fractionation of Blood | 16 credits |
| (iii) | MTMA5804 | Administering Blood Products | 16 credits |

Part II

- | | | | |
|-------|----------|--|------------|
| (i) | MTMC5809 | Clinical Application of Blood Products | 36 credits |
| (ii) | MTMT5805 | Complications of Transfusion | 20 credits |
| (iii) | MTMD5804 | Developments in Transfusion Medicine | 16 credits |

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

Rule MGH18.4 Assessment

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

Rule MGH18.5 Pass requirements

See General Rules of the University of the Free State.

Rule MGH18.6 Additional Examination

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

POSTGRADUATE DIPLOMA IN RADIOGRAPHY (DIAGNOSTIC)	160 Credits
PGDip (Radiography) (Diagnostic)(<i>In abeyance</i>)	Study code 8203

Rule MGH19 RULES FOR THE POSTGRADUATE DIPLOMA IN RADIOGRAPHY (DIAGNOSTIC)

A student must comply with the provisions of the General Rules for Postgraduate diplomas as well as the rules of the Faculty of Health Sciences.

Rule MGH19.1 Admission requirements

Before a student may enrol for the PGDip (Radiography), he/she must:

- Be in possession of at least a three-year BRad degree or equivalent qualification.
- Be admitted to the status of the three-year BRad 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.
- (d) Be registered as diagnostic radiographer with the HPCSA.

Remark:

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

Rule MGH19.2 Duration of programme

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

Rule MGH19.3 Disciplines

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

Rule MGH19.4 Curriculum

First Semester:

MAPS5810	Applied Physics	40 credits
MRAR5810	Radiographic Anatomy/Physiology/Pathology	40 credits

Second Semester:

MRTR8520	Radiographic Practice	40 credits
MPCR8520	Clinical Radiographic Practice	40 credits

Rule MGH19.5 Assessment

Assessment is conducted in the following manner:

Two two-hour question papers per semester

Oral - second semester

Research project - second semester

Rule MGH19.6 Pass requirements

See General Rules of the University of the Free State.

POSTGRADUATE DIPLOMA IN OCCUPATIONAL HEALTH	240 Credits
PGDip (Occupational Health)	Study code 8220

Rule MGH20 RULES FOR THE POSTGRADUATE DIPLOMA IN OCCUPATIONAL HEALTH

Rule MGH20.1 Admission requirements

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

An additional requirement for foreign medical practitioners, including medical practitioners from the Southern Africa Developing Countries (SADC), for the registration as students for this diploma course is that medical practitioners should be registered for postgraduate studies with the Health Professions Council of South Africa, as stipulated by the Health Professions Council of South Africa and Health Professions Act, 1974 (Act 56 of 1974). It is compulsory for candidates to have access to internet and e-mail facilities.

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

Rule MGH20.2 Duration of programme

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

Rule MGH20.3 Curriculum

Part I

(i)	MDBA5800	Occupational Health Administration Part I	40 credits
(ii)	MDBB5800	Clinical Occupational Health and Toxicology Part I	40 credits
(iii)	MDBC5800	Occupational Epidemiology and Biostatistics Part I	40 credits

Part II

(i)	MDBD5800	Occupational Health Administration Part II	40 credits
(ii)	MDBE5800	Clinical Occupational Health and Toxicology Part II	40 credits
(iii)	MDBF5800	Occupational Epidemiology and Biostatistics Part II	40 credits

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

Rule MGH20.4 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 Rules concerning postgraduate diploma and advanced university diplomas of the University as well as the student attending contact sessions and participating in electronic sessions. A student will pass with distinction if he/she obtains 75% or higher in the assessment in each individual module.

Rule MGH20.5 Pass requirements

See General Rules of the University of the Free State.

Rule MGH20.6 Additional Examination

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

Rule MGH21 RULES FOR THE POSTGRADUATE DIPLOMA IN COMMUNITY HEALTH

Rule MGH21.1 Admission requirements

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

Rule MGH21.2 Duration of programme

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

Rule MGH21.3 Curriculum

Part I

(i)	MGGA5803	Microbiology (assessment course)	12 credits
(ii)	MGGB5808	Parasitology and Entomology (assessment course)	32 credits
(iii)	MGGC5809	Food and Water (including diseases, hygiene and food science) (assessment course)	36 credits

Part II

(i)	MGGD5801	Epidemiology and Medical Statistics (assessment course)	4 credits
(ii)	MGGE5807	Health Administration including Basic Financial Management, Accounting and Business Economics (assessment course)	28 credits
(iii)	MGGF5805	Health Legislation (assessment course)	20 credits
(iv)	MGGG5806	Comprehensive Health Care (assessment course)	24 credits
(v)	MGGH5802	Environmental Health Care (assessment course)	8 credits

Rule MGH21.4 Assessment

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

Rule MGH21.5 Pass requirements

See General Rules of the University of the Free State.

Rule MGH21.6 Additional Examination

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

Rule MGH21.7 Credit for modules after obtaining a certificate or diploma at a recognised university/tertiary institution

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

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

POSTGRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT 240 Credits
PGDip (Health Services Management) (*In abeyance*) Study code 8240

Rule MGH22 RULES FOR THE POSTGRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT

Rule MGH22.1 Admission requirements

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

Rule MGH22.2 Duration of programme

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

Rule MGH22.3 Curriculum

Part I

(i)	MHSA5800	Concepts in Health Care	40 credits
(ii)	MHSB5800	Principles of Management	40 credits
(iii)	MHSC5800	Health Care Planning	40 credits
(iv)	MHSD5800	Epidemiology and Statistics	40 credits

Part II

(i)	MHSE5800	Health Programme and Specialised Services	40 credits
(ii)	MHSF5800	Human Resources Management	40 credits
(iii)	MHSG5800	Management of Resources	40 credits
(iv)	MHSH5800	Quality Assurance	40 credits

Rule MGH22.4 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.

Rule MGH22.5 Pass requirements

See General Rules of the University of the Free State.

Rule MGH22.6 Additional Examination

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

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

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

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

MAGISTER SOCIETATIS SCIENTIAE IN NURSING

MSocSc (Nursing) Dissertation

200 Credits/Study code 2720

MSocSc (Nursing) Structured (In abeyance)

248 Credits/Study code 2721

INTRODUCTION

The MSocSc Degree in nursing can be obtained by either a dissertation or by course work.

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

Rule VGH1.1 Admission requirements

- (i) Prospective students must apply to the Programme Director on the prescribed form before 30 September of every year to be admitted.
- (ii) A professional baccalaureus degree in nursing, or a postgraduate diploma or a degree in nursing (NQF level 8) is required and candidates must furnish proof of at least three registrations with the South African Nursing Council (SANC).
- (iii) An average of at least 60% in the previous NQF level 8 qualification is required.
- (iv) International students must provide evidence of interim registration with the SANC and Department of Foreign Workforce. International students must be registered with a recognized body in their country of origin.
- (v) 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.
- (vi) The number of post graduate students selected is subject to the availability and/or capacity of study leaders.
- (vii) Students might be required to write additional admission tests.

Rule VGH1.2 Recognition of prior learning

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

Prior learning is recognized by means of:

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

Rule VGH1.3 Duration of programme

The programme extends over at least two academic years.

Rule VGH1.4 Learning programme (curriculum)

The MSocSc (Nursing) can be obtained on the basis of:

- (A) (i) A dissertation on an approved subject which has been endorsed by the Faculty Board.
 (ii) The module Research Methodology in Nursing (NVRT8905) is a prerequisite for NVRT8900.
 (iii) Students have to register for NVRT8905 and pass for the first time with at least 65% before they may continue with NVRT8900.

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

MODULES	Module	Credits
Research Methodology in nursing	NVRT8905	20
Dissertation in nursing	NVRT8900	180

OR

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

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

FUNDAMENTAL MODULES	Module	Credits
Research methodology in nursing (compulsory)	NVRT8905	20
Nursing dynamics (compulsory)	VRT711	8
ELECTIVE MODULES	Module	Credits
Mini-dissertation in nursing OR	NRES7908	32
Four essays on nursing research (phasing out)	ESS792	32

CORE MODULES

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

Critical care nursing	Module	Credits
Physiology for intensive care nurses	FFB702	20
Critical care nursing	NKSV1716	24
Critical care nursing	NKSV1726	24
Critical care nursing (research)	VRT758	20
Critical care nursing practical (60% research)	VRP717	100

Community health nursing	Module	Credits
Primary clinical healthcare	PKG716	24
Primary clinical healthcare	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	NGVV1716	24
Midwifery and neonatology	NVNV1726	24
Midwifery and neonatology (research)	VRT735	20
Midwifery and neonatology practical (60% research)	VRP722	100

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

Paediatric nursing	Module	Credits
Physiology <i>capita selecta</i>	FFB705	20
Paediatrics nursing	NKDV1716	24
Paediatrics nursing	NKDV1726	24
Paediatrics nursing (research)	VRT737	20
Paediatrics nursing practical (60% research)	VRP724	100

Orthopaedic nursing	Module	Credits
Physiology <i>capita selecta</i>	FFB706	20
Orthopaedic nursing	NOTV1716	24
Orthopaedic nursing	NOTV1726	24
Orthopaedic nursing (research)	VRT738	20
Orthopaedic nursing practical (60% research)	VRP725	100

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

Child psychiatric nursing	Module	Credits
Physiology for child psychiatric nursing	FFB708	20
Child psychiatric nursing	NKPV1716	24
Child psychiatric nursing	NKPV1726	24
Child psychiatric nursing (research)	VRT759	20
Child psychiatric nursing practical (60% research)	VRP727	100

Primary clinical healthcare nursing	Module	Credits
Midwifery and neonatal nursing	NGVV1716	24
Midwifery and neonatal nursing	NVNV1726	24
Midwifery and neonatal nursing practical (40% research)	VRP729	20
Primary clinical healthcare nursing	PKG716	24
Primary clinical healthcare nursing	PKG726	24
Primary clinical healthcare nursing (research)	VRT760	20
Primary clinical healthcare nursing practical (60% research)	VRP730	52

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

Rule VGH1.5 Clinical practical

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

Nursing practical must be performed in clinical settings accredited for the School by the South African Nursing Council.

Rule VGH1.6 Offering of clinical fields of specialisation

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

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

Rule VGH1.7 Examination

OPTION A

To pass the dissertation the requirements as stipulated in General Rule A83.7.3 apply.

OPTION B

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

Rule VGH1.8 Pass with distinction

See General Rule A83.7.2

Learning content

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

TABLE 3: Modules, themes, examination papers and credits

MODULES AND EXAMINATION PAPERS	Units	Credits
Critical care nursing (One three-hour paper)	1. Fundamental critical care (12) 2. Respiratory critical care (6) 3. Cardiovascular and thorax critical care (6)	24
Critical care nursing (One three-hour paper)	1. Neurological and neurosurgical critical care (12) 2. Nephro-endocrinological critical care (6) 3. Surgical critical care (6)	24
Critical care nursing (One three-hour paper)	1. Critical care management (4) 2. Ethics in critical care (2) 3. Legal and litigation aspects in critical care (2) 4. New developments in critical care (10) 5. Education and development in critical care (2)	20
Community nursing (One three-hour paper)	1. Healthcare systems (4) 2. Community nursing (12) 3. Management of healthcare systems (4)	20
Community nursing (One three-hour paper)	1. Healthcare models (4) 2. Individual, family and community pathology (12) 3. Specialised nursing care (4)	20
Community nursing (One three-hour paper)	1. Research modalities in community nursing	20
Gerontological nursing (One three-hour paper)	1. Demography of the aged population and the ageing process (8) 2. Psychosocial aspects of the ageing process (8) 3. Geriatric nursing skills (8)	24

MODULES AND EXAMINATION PAPERS	Units	Credits
Gerontological nursing (One three-hour paper)	1. Gerontological services in SA and elsewhere (4) 2. Rehabilitation and home care, nutrition (8) 3. Aetiology of geriatric disorders, diagnostic and treatment methods (12)	24
Gerontological nursing (One three-hour paper)	1. Research modalities in Gerontological nursing	20
Psychiatric Nursing (One three-hour paper)	1. Psychiatric disorders according to an acknowledged international classification system (12) 2. Pharmacotherapeutic principles (4) 3. Counseling and crisis (4) 4. Individual psychotherapy (4)	24
Psychiatric nursing (One three-hour 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 three-hour paper)	1. Research modalities in psychiatric nursing	20
Advanced midwifery and neonatal nursing (One three-hour paper)	1. Reproductive healthcare (8) 2. Normal pregnancy, labour, puerperium and the neonate (16)	24
Advanced midwifery and neonatal nursing (One three-hour paper)	1. High risk midwifery (20) 2. Advanced midwifery and neonatology (4)	24
Advanced Midwifery and Neonatal Nursing (One three-hour paper)	1. Research modalities in Advanced Midwifery and Neonatal	20
Child psychiatric nursing (One three-hour paper)	1. General psychiatric disorders applicable to children (8) 2. Genetics and child psychiatric disorders (12) 3. Psychiatric assessment of children and their families, appropriate personality development theories (4)	24
Child psychiatric nursing (One three-hour paper)	1. Treatment modalities	24
Child psychiatric nursing (One three-hour paper)	1. Research modalities in child psychiatric nursing	20
Orthopaedic nursing (One three-hour paper)	1. Rheumatoid diseases (8) 2. Tuberculosis: bone infections, bone necrosis (4) 3. Metabolic and endocrine ailments with reference to orthopaedic issues (4) 4. Dysphasia: tumours, amputations, neurovascular diseases, peripheral vascular diseases (4) 5. Orthopaedic nursing skills (4)	24

MODULES AND EXAMINATION PAPERS	Units	Credits
Orthopaedic nursing (One three-hour paper)	1. Orthopaedic diseases of the different body parts (8) 2. Trauma and orthopaedic nursing (12) 3. Injury of the lower- and upper limbs, neck and back (4)	24
Orthopaedic nursing (One three-hour paper)	1. Research modalities in orthopaedic nursing	20
Paediatric nursing (One three-hour paper)	1. General development of the child The development, function and pathophysiology of the body parts of the child (16) 2. The assessment of the health status of the child Maintenance of the health of the child (4) 3. Developmental problems and management (4)	24
Paediatric nursing (One three-hour paper)	1. Paediatric nursing during short and long-term hospitalisation (20) 2. Community health paediatric nursing (4)	24
Paediatric nursing (One three-hour paper)	1. Research modalities in paediatric nursing	20
Primary clinical healthcare nursing (One three-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) (14) 3. Legislation (2)	24
Primary clinical healthcare nursing (One three-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 healthcare nursing (One three-hour paper)	1. Research modalities in Primary Clinical Healthcare	20

Rule VGH2 RULES FOR THE DEGREE OF PHILOSOPHIAE DOCTOR

- (i) The General Rules in respect of doctor's degrees apply mutatis mutandis to this Faculty.
- (ii) For admission to registration for the degree PhD, a student must comply with the stipulations of the General Rules and be in possession of the appropriate master's degree from the department concerned, or any other qualification deemed adequate by the Senate.
- (iii) Prospective students must have obtained a minimum of 65% in the appropriate master's programme (NQF level 9 qualification).
- (iv) Students will be selected for this programme.
- (v) Discipline abbreviation and module code: NVRT9100

**DOCTOR SOCIETATIS SCIENTIAE
DSocSc (Nursing) (*In abeyance*)****Study code 2900**

Rule VGH3 RULES FOR THE DEGREE OF DOCTOR SOCIETATIS SCIENTIAE

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

For more detail, see General Rules.

**BACCALAUREUS IN ADVANCED NURSING
BAdvanced Nursing (*In abeyance*)****Study code 2540**

Rule VGH4 RULES FOR BACCALAUREUS IN ADVANCED NURSING**Rule VGH4.1 Information**

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

Rule VGH4.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for degree.

National Standard Field: 09 Health Sciences and Social Services.

Rule VGH4.3 Admission requirements and selection

- (i) Prospective students must apply to the Programme Director on the prescribed form before 30 September of every year to be admitted to a specialisation area.

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

To register for modules in this specialization 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.

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

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

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

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

- (x) *Critical Care Nursing*
Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of 700 hours per annum of practical experience within the past two years in the specialisation area for which they seek

admission. An exception can be made if the student obtained an average of 65% in the previous academic qualification..

(xi) *Primary Clinical Healthcare*

Prospective students must be in possession of a qualification in Community Health Nursing in order to obtain admission to register for Primary Clinical Healthcare. Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of current practical experience in the specialization area for which they seek admission. Admission can be obtained by the successful completion of an applicable short learning programme.

(xii) *Healthcare Management*

Prospective students must provide certified proof of 700 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.

Rule VGH4.4 Readmission and checking of a student

General Rule A3.11 and A6 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).

Rule VGH4.5 Admission to examinations

To be admitted to the official examination, except if the Dean decides otherwise, a minimum module mark of at least 40% must be obtained to enable a student to write the official examination – Rule A9.2 (a).

Rule VGH4.6 Pass requirements

- (i) The pass mark for a module is 50%.
- (ii) A module mark is earned by means of formative assessment and comprises 50% of the final mark.
- (iii) The clinical core modules consist of Nursing (Theory) and Nursing (Practical) and must be passed separately.
- (iv) Although all demonstrations and compulsory patient contact sessions must be attended, special arrangements will be made if a student cannot attend for an acceptable reason.
- (v) Promotion does not take place in nursing core, fundamental and elective modules.

- (vi) Pass requirements for practical work is 50%.
- (vii) A subminimum of 50% applies for practical work in the examination.
- (viii) In the case of an OSCE (objective structured clinical evaluation) examination, a subminimum of 40% per OSCE station must be obtained.

Rule VGH4.7 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 clinical facilities accredited for the School by the South African Nursing Council..

Rule VGH4.8 Pass with distinction

The baccalaureus in Advanced Nursing is awarded with distinction if:

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

Rule VGH4.9 Exemption and recognition from modules and themes of modules

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

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

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

Advanced Diploma in Nursing Administration (GDVA)

Advanced Diploma in Nursing Education (GDVO)

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

TABLE 1: Similar modules in the B in Advanced Nursing and the Advanced Diplomas

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

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

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

Rule VGH4.10 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).

Rule VGH4.11 Obtaining of degree

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

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

- Students who obtained 360 credits who wish to leave the programme must notify the School of Nursing (Programme Director) of the fact in writing before the first Friday in December of the year in which the module is followed. Students who do not meet this requirement will not receive their degree at the Autumn graduation ceremony.
- Should a student exit the degree programme and return later, previous credits will be retained for a maximum of five (5) years.
- Students who exit the B in Advanced Nursing degree can apply at the South African Nursing Council for professional registration in the specialisation areas completed.

TABLE 2: Specialisation areas and professional registrations on exit

QUALIFICATION	PROFESSIONAL REGISTRATIONS	CREDITS
Healthcare Management	Nursing Administration	124
Nursing Education	Nursing Education	128
Community Health Nursing	Community Health Nursing	120
Orthopaedic Nursing	Orthopaedic Nursing	120
Forensic Nursing		120
Child Psychiatric Nursing	Child Psychiatric Nursing	120
Paediatric Nursing	Child Health Nursing	120
Critical Care Nursing: General	Critical Care Nursing: General	120
Advanced Midwifery and Neonatology	Advanced Midwifery and Neonatology Nursing	120
Psychiatric Nursing	Psychiatric Nursing Science	120
Operating Theatre Nursing Science	Operating Theatre Nursing	120
Primary Clinical Healthcare	Clinical Nursing Science, Health Assessment, Treatment and Care	120
HIV and AIDS Care		128
Occupational Healthcare	Occupational Health Nursing Science	136
Trauma and Emergency Nursing	Trauma and Emergency Nursing	120
Gerontological Nursing	Gerontological Nursing	120

Rule VGH4.12 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 healthcare needs and the availability of staff and infrastructure.

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

Rule VGH4.13 Curriculum

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

Rule VGH4.13.1 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	NPPV1722	8
Healthcare and the law	NGRV1723	12
Research	NREV1714	16
Educational psychology	NOSV1714	16
Introduction to HIV and AIDS healthcare	NIVV1712	8
Core modules	Code	Credits
Nursing education	NVOV1716	24
Nursing education	NVOV1726	24
Nursing education practical	NOVP1705	20

HEALTHCARE MANAGEMENT

Fundamental modules	Code	Credits
Ethos and professional nursing practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Sociology	SOCI4724	16
Introduction to HIV and AIDS healthcare	NIVV/1712	8
Core modules	Code	Credits
Healthcare management	NGSB1713	12
Healthcare management	NGSB1726	24
Healthcare management	NGSB1736	24
Healthcare management practical	NGBP1705	20

OCCUPATIONAL HEALTH NURSING

Fundamental modules	Codes	Credits
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Sociology	SOCI4724	16
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
Introduction to HIV and AIDS healthcare	NIVV1712	8
Core modules	Codes	Credits
Occupational health nursing	NNGV1716	24

Occupational health nursing	NNGV1726	24
Occupational health nursing practical	NNGP1705	20

HIV AND AIDS HEALTHCARE

Fundamental modules	Codes	Credits
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
Core modules	Codes	Credits
HIV and AIDS healthcare	NVIV1718	32
HIV and AIDS healthcare	NVIV1728	32
HIV and AIDS healthcare practical	NVIP1702	8

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

Fundamental modules for all clinical fields	Codes	Credits
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
Introduction to HIV and AIDS healthcare	NIVV1712	8

FORENSIC NURSING

Core modules	Codes	Credits
Forensic nursing	NFOV1716	24
Forensic nursing	NFOV1726	24
Forensic nursing practical	NEOP1705	20

COMMUNITY NURSING

Core modules	Codes	Credits
Community nursing	NGMV1716	24
Community nursing	NGMV1726	24
Community nursing practical	NGMP1705	20

GERONTOLOGICAL NURSING

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

ADVANCED MIDWIFERY AND NEONATOLOGY

Core modules	Codes	Credits
Advanced midwifery and neonatology	NGVV1716	24
Advanced midwifery and neonatology	NVNV1726	24
Advanced midwifery and neonatology practical	NGVP1705	20

CHILD PSYCHIATRIC NURSING

Core modules	Codes	Credits
Child psychiatric nursing	NKPV1716	24
Child psychiatric nursing	NKPV1726	24
Child psychiatric nursing practical	NKPP1705	20

PAEDIATRIC NURSING

Core modules	Codes	Credits
Paediatric nursing	NKDV1716	24
Paediatric nursing	NKDV1726	24
Paediatric nursing practical	NKDP1705	20

CRITICAL CARE NURSING (GENERAL)

Core modules	Codes	Credits
Critical care nursing (general)	NKSV1716	24
Critical care nursing (general)	NKSV1726	24
Critical care nursing (general) practical	NKSP1705	20

OPERATING THEATRE NURSING

Core modules	Codes	Credits
Operating theatre nursing	NTNV1716	24
Operating theatre nursing	NTNV1726	24
Operating theatre nursing practical	NTNP1705	20

ORTHOPAEDIC NURSING

Core modules	Codes	Credits
Orthopaedic nursing	NOTV1716	24
Orthopaedic nursing	NOTV1726	24
Orthopaedic nursing practical	NOTV1705	20

PRIMARY CLINICAL HEALTHCARE

Core modules	Codes	Credits
Primary clinical healthcare	NPKG1716	24
Primary clinical healthcare	NPKG1726	24
Primary clinical healthcare practical	NPKP1705	20

PSYCHIATRIC NURSING

Core modules	Codes	Credits
Psychiatric nursing	NPSV1716	24
Psychiatric nursing	NPSV1726	24
Psychiatric nursing practical	NPVP1705	20

TRAUMA AND EMERGENCY NURSING

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

Rule VGH4.14 Equivalent codes

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

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

B in Advanced Nursing 2002 modules	Codes	B in Advanced Nursing 1999 – 2001 modules	Codes
Advanced midwifery and neonatology practical	GVP105	Advanced midwifery and neonatology practical	GVP100
Child psychiatric nursing I	KPV115	Child psychiatric nursing	KPV110
Child psychiatric nursing II	KPV125	Child psychiatric nursing	KPV120
Child psychiatric nursing practical	KPP105	Child psychiatric nursing practical	KPP100
Paediatric nursing I	KDV115	Paediatric nursing	KDV110
Paediatric nursing II	KDV125	Paediatric nursing	KDV120
Paediatric nursing practical	KDP105	Paediatric nursing practical	KDP100
Critical care nursing (general) I	KSV115	Critical care nursing (general)	KSV110
Critical care nursing (general) II	KSV125	Critical care nursing (general)	KSV120
Critical care nursing (general) practical	KSP105	Critical care nursing (general) practical	KSP100
Medical and surgical nursing I	MCV115	Medical and surgical nursing	MCV110
Medical and surgical nursing II	MCV125	Medical and surgical nursing	MCV120
Medical and surgical nursing practical	MCP105	Medical and surgical nursing practical	MCP100
Operating theatre nursing I	TNV115	Operating theatre nursing	TNV110
Operating theatre nursing II	TNV125	Operating theatre nursing	TNV120
Operating theatre nursing practical	TNP105	Operating theatre nursing practical	TNP100
Primary clinical care nursing I	PKG115	Primary clinical care nursing	PKG110
Primary clinical care nursing II	PKG125	Primary clinical care nursing	PKG120
Primary clinical care nursing practical	PKP105	Primary clinical care nursing practical	PKP100
Psychiatric nursing I	PSV115	Psychiatric nursing	PSV110
Psychiatric nursing II	PSV125	Psychiatric nursing	PSV120
Psychiatric nursing practical	PVP105	Psychiatric nursing practical	PVP100

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

B in Advanced Nursing 2004 Modules	Codes	B in Advanced Nursing 2003 modules	Codes
Pharmacology I	FAV113	Pharmacology I	FRM116
Healthcare and the law	GRV123	Healthcare and the law	GRV122
Occupational health nursing I	NGV116	Occupational health nursing I	NGV115
Occupational health nursing II	NGV126	Occupational health nursing II	NGV125
Basic midwifery I	VEV116	Basic midwifery I	VEV115
Basic midwifery II	VEV126	Basic midwifery II	VEV125
Forensic nursing I	FOV116	Forensic Nursing I	FOV115
Forensic nursing II	FOV126	Forensic Nursing II	FOV125
Community health nursing I	GMV116	Community health nursing I	GMV115
Community health nursing II	GMV126	Community health nursing II	GMV125
Gerontological nursing I	GEV116	Gerontological nursing I	GEV115
Gerontological nursing II	GEV126	Gerontological nursing II	GEV125

B in Advanced Nursing 2004 Modules	Codes	B in Advanced Nursing 2003 modules	Codes
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 healthcare I	PKG116	Primary clinical healthcare I	PKG115
Primary clinical healthcare II	PKG126	Primary clinical healthcare II	PKG125
Psychiatric nursing I	PSV116	Psychiatric nursing I	PSV115
Psychiatric nursing II	PSV126	Psychiatric nursing II	PSV125
Trauma and emergency nursing I	TAV116	Trauma and emergency nursing I	TAV115
Trauma and emergency nursing II	TAV126	Trauma and emergency nursing II	TAV125

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

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

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

B in Advanced Nursing 1999-2008 Modules	Codes	B in Advanced Nursing 2009 modules	Codes
Inequalities in society	SOS132 (8C)	Introduction to social imagination	SOS114 (16C)
Society in demographic perspective	SOS142 (8C)	Social institutions and social change	SOS124 (16C)
Deviant behaviour	SOS212 (8C)	Population dynamics and environmental issues	SOS244 (16C)
Family and household life	SOS232 (8C)	Sociology of family and household life	SOS234 (16C)
Human development	PSY122 (8C)	Developmental psychology	PSY224 (16C)

B in Advanced Nursing 1999-2008 Modules	Codes	B in Advanced Nursing 2009 modules	Codes
Philosophical anthropology	WYS122 (8C)	Aspects of the world argumentation theory and philosophical anthropology	WYS124 (16C)
Value paradigms and medical ethics	WYS142 (8C)	Introduction to philosophy, world-view interpretation and ethical decision-making	WYS114 (16C)
Africa philosophy	WYS222 (8C)	Africa philosophy, ideology and multiculturalism	WYS224 (16C)
Basic anatomy Physiology	ANA124 (16C) FFB123 (12C)	Anatomy and physiology	FFB124 (16C)
Basic anatomy Physiology	ANA214 (16C) FFB213 (12C)	Anatomy and physiology	BMN214 (16C)
Microbiology	MCB212 (8C) MCB232 (8C)	Microbiology	MCB214 (16C)
Microbiology	MCB222 (8C) MCB242 (8C)	Microbiology	MCB224 (16C)
Nursing education	VOV115 (20C)	Nursing education	VOV116 (24C)
Nursing education	VOV125 (20C)	Nursing education	VOV126 (24C)
Nursing education practical	OVP104 (16C)	Nursing education practical	OVP105 (20C)

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

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

Modules followed in the B in Advanced Nursing in 2014 are equivalent to the following modules in 2015:

B in Advanced Nursing 2014 Modules	Codes	B in Advanced Nursing 2015 modules	Codes
Ethos and professional nursing practice	PPV122	Ethos and professional nursing practice	NPPV1722
Healthcare and the law	GRV123	Healthcare and the law	NGRV1723
Research	REV114	Research	NREV1714
Pharmacology	FAV113	Pharmacology	NFAV1713
Educational psychology	OSV114	Educational psychology	NOSV1714
Sociology	SOS164	Sociology	SOS164

B in Advanced Nursing 2014 Modules	Codes	B in Advanced Nursing 2015 modules	Codes
Introduction to HIV and AIDS healthcare	IVV112	Introduction to HIV and AIDS healthcare	NIVV1712
Nursing education	VOV116	Nursing education	NVOV1716
Nursing education	VOV126	Nursing education	NVOV1726
Nursing education practical	OVP105	Nursing education practical	NOVP1705
Healthcare management	GSB113	Healthcare management	NGSB1713
Healthcare management	GSB126	Healthcare management	NGSB1726
Healthcare management	GSB136	Healthcare management	NGSB1736
Healthcare management practical	GBP105	Healthcare management practical	NGBP1705
Occupational health nursing	NGV116	Occupational health nursing	NNGV1716
Occupational health nursing	NGV126	Occupational health nursing	NNGV1726
Occupational health nursing practical	NGP105	Occupational health nursing practical	NNGP1705
HIV and AIDS healthcare	VIV118	HIV and AIDS healthcare	NVIV1718
HIV and AIDS healthcare	VIV128	HIV and AIDS healthcare	NVIV1728
HIV and AIDS healthcare practical	VIP102	HIV and AIDS healthcare practical	NVIP1702
Forensic nursing	FOV116	Forensic nursing	NFOV1716
Forensic nursing	FOV126	Forensic nursing	NFOV1726
Forensic nursing practical	EOP105	Forensic nursing practical	NEOP1705
Community nursing	GMV116	Community nursing	NGMV1716
Community nursing	GMV126	Community nursing	NGMV1726
Community nursing practical	GMP105	Community nursing practical	NGMP1705
Advanced midwifery and neonatology	GVV116	Advanced midwifery and neonatology	NGVV1716
Advanced midwifery and neonatology	GVV126	Advanced midwifery and neonatology	NGVV1726
Advanced midwifery and neonatology practical	GVP105	Advanced midwifery and neonatology practical	NGVP1705
Child psychiatric nursing	KPV116	Child psychiatric nursing	NKPV1716
Child psychiatric nursing	KPV126	Child psychiatric nursing	NKPV1726
Child psychiatric nursing practical	KPP105	Child psychiatric nursing practical	NKPP1705
Paediatric nursing	KDV116	Paediatric nursing	NKDV1716
Paediatric nursing	KDV126	Paediatric nursing	NKDV1726
Paediatric nursing practical	KPP105	Paediatric nursing practical	NKPP1705
Critical care nursing (general)	KSV116	Critical care nursing (general)	NKSV1716
Critical care nursing (general)	KSV126	Critical care nursing (general)	NKSV1726
Critical care nursing (general) practical	KSP105	Critical care nursing (general) practical	NKSP1705
Operating theatre nursing	TNV116	Operating theatre nursing	NTNV1716
Operating theatre nursing	TNV126	Operating theatre nursing	NTNV1726
Operating theatre nursing practical	TNP105	Operating theatre nursing practical	NTNP1705
Orthopaedic nursing	OTV116	Orthopaedic nursing	NOTV1716
Orthopaedic nursing	OTV126	Orthopaedic nursing	NOTV1726
Orthopaedic nursing practical	OTV105	Orthopaedic nursing practical	NOTV1705
Primary clinical healthcare	PKG116	Primary clinical healthcare	NPKG1716
Primary clinical healthcare	PKG126	Primary clinical healthcare	NPKG1726
Primary clinical healthcare practical	PKP105	Primary clinical healthcare practical	NPKP1705
Psychiatric nursing	PSV116	Psychiatric nursing	NPSV1716
Psychiatric nursing	PSV126	Psychiatric nursing	NPSV1726

B in Advanced Nursing 2014 Modules	Codes	B in Advanced Nursing 2015 modules	Codes
Psychiatric nursing practical	PVP105	Psychiatric nursing practical	NPVP1705

Rule VGH4.15 Learning contents

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

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

MODULES AND PAPER	UNITS			CREDITS
Occupational health nursing NNGV1716 One three-hour paper	Unit	1 2 3	National, regional and local occupational health profile (4) Industrial hygiene (16) Legislation (4)	24
Occupational health nursing NNGV1726 One three-hour paper	Unit	1	Modalities of occupational health nursing	24
Ethos and professional practice NPPV1722 One two-hour paper	Unit	1 2 3 4	Nursing as a profession Nursing theories Ethics and nursing Influence of contemporary issues on the nursing profession	8
Pharmacology NFAV1713 One three-hour paper	Unit	1 2	Introduction to pharmacology (4) Drug types (8)	12
Forensic nursing NFOV1716 One three-hour paper	Unit	1 2 3 4	Introduction to forensic nursing (4) Physical assault (4) Sexual assault nursing care (10) Child abuse (6)	24
Forensic nursing NFOV1726 One three-hour paper	Unit	1 2 3 4	Legal aspects and gathering evidence (6) Offenders (8) Living forensic nursing (8) Post-mortems (2)	24
Healthcare management NGSB1713 One three-hour paper	Unit	1 2	The healthcare system in South Africa (4) Management as a phenomenon in healthcare service delivery (8)	12
Healthcare management NGSB1726 One three-hour paper	Unit	1 2	Human resource management for healthcare service delivery (20) Research and healthcare management (4)	24
Healthcare management NGSB1736 One three-hour paper	Unit	1 2 3	Public healthcare management (8) Financial management in the public and private healthcare sectors (8) Healthcare management for healthcare service delivery (8)	24
Healthcare and the law NGRV1723 One two-hour paper	Unit	1	SA legal system Legal and ethical guidelines Different forms of responsibility Informed consent Legal and ethical aspects in practice	12

MODULES AND PAPER	UNITS			CREDITS
Community health Nursing NGMV1716 One three-hour paper	Unit	1 2 3	Processes of community nursing (8) Community care (community profile, demography, epidemiology, environmental health) (8) Community health (community participation, education, home visits, family dynamics) (8)	24
Community health Nursing NGMV1726 One three-hour paper	Unit	1 2 3	Family care (birth to old age) (12) Communicable diseases and reproductive care (8) Occupational health (4)	24
Gerontological nursing GEV116 One three-hour paper	Unit	1 2 3	Demography of the elderly population and ageing process (8) Psychosocial aspects of ageing (8) Gerontological nursing skills (8)	24
Gerontological nursing GEV126 One three-hour paper	Unit	1 2 3	Gerontological services in SA and elsewhere (8) Rehabilitation and home care; nutrition (8) Aetiology of gerontological disorders, diagnostic and treatment methods (8)	24
Advanced midwifery and neonatology NGVV1716 One three-hour paper	Unit	1 2 3	Reproductive healthcare (8) Maternal and family healthcare during pregnancy, labour, puerperium and the neonate (12) Role of advanced midwife (4)	24
Advanced midwifery and neonatology NVNV1726 One three-hour paper	Unit	1 2 3	High risk midwifery (12) High risk neonatology (8) Safe motherhood (4)	24
Introduction to HIV and AIDS healthcare NIVV1712 One two-hour paper	Unit	1	Introduction to HIV and AIDS healthcare	8
Child psychiatric nursing NKPV1716 One three-hour paper	Unit	1 2 3 4	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)	24
Child psychiatric nursing NKPV1726 One three-hour paper	Unit	1	Treatment modalities	24
Paediatric nursing NKDV1716 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)	24

MODULES AND PAPER	UNITS		CREDITS
Paediatric nursing NKDV1726 One three-hour paper	Unit	1 Paediatric nursing care in short- and long-term hospitalisation (16) 2 Community paediatric nursing care (8)	24
Critical care (general) NKSV1716 One three-hour paper	Unit	1 Fundamental critical care (8) 2 Respiratory nursing care (8) 3 Cardiovascular and cardiothoracic nursing care (8)	24
Critical care (general) NKSV1726 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
HIV and AIDS healthcare NVIV1718 Two two-hour papers	Unit	1 Introduction to HIV and AIDS healthcare (12) - History of AIDS - Global epidemiological patterns - Immune system - Routes of transmission - Diagnosis of HIV/AIDS - Counselling - Stages of HIV infection - Progression of HIV - Introduction to treatment (10) 2 Applied ethical issues (10)	32
HIV and AIDS healthcare NVIV1728 Two two-hour papers	Unit	1 HIV and AIDS treatment - Adult - Pregnant woman - Child	32
Research NREV1714 One three-hour paper	Unit	1 Introduction to nursing research (4) 2 Research process (12)	16
Operating theatre nursing NTNV1716 One three-hour paper	Unit	1 Peri-operative nursing care (8) 2 Asepsis and infection control in the operating theatre (8) 3 Positioning the patient in the operating theatre Wound healing and haemostasis Specialised instruments Specialised diagnostic procedures (8)	24
Operating theatre nursing NTNV1726 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 NOSV1714 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

MODULES AND PAPER	UNITS			CREDITS
Orthopaedic nursing NOTV1716 One three-hour paper	Unit	1	Arthritis and other rheumatoid disorders (8)	24
		2	Tuberculosis Bone infections, Bone necrosis (4)	
		3	Metabolic and endocrine disorders with regard to orthopaedics (4)	
		4	Dysplasia Tumours Amputations Neurovascular disorders Peripheral vascular disorders (4)	
		5	Orthopaedic nursing skills (4)	
Orthopaedic nursing NOTV1726 One three-hour paper	Unit	1	Orthopaedic disorders of various areas of the body (8)	24
		2	Trauma with regard to orthopaedics (8)	
		3	Injuries of the upper and lower limbs, neck and back (8)	
Primary clinical healthcare NPKG1716 One three-hour paper	Unit	1	Screening, principles of clinical diagnosis and treatment (12)	24
		2	Aetiology, pathology, diagnosis and treatment/referral, and prevention and rehabilitation of common diseases (all age groups) (12)	
Primary clinical healthcare NPKG1726 One three-hour paper	Unit	1	Aetiology, pathology, diagnosis and treatment/referral, and prevention of common minor ailments (all age groups) (12)	24
		2	Primary mother and child care (8)	
		3	Emergency treatment (4)	
Psychiatric nursing NPSV1716 One three-hour paper	Unit	1	Psychiatric nursing skills (8) Nursing care of adults with the following specific disorders:	24
		2	Psychoses (8)	
		3	Anxiety disorders (4)	
		4	Mood disorders (4)	
Psychiatric nursing NPSV1726 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)	24
		2	The nursing care of persons with mental disability (8)	
		3	The nursing care of children with psychiatric disorders (4)	

MODULES AND PAPER	UNITS			CREDITS
Sociology SOCI4724 Formative assessment	Unit	1 2 3 4 5 6 7	Introduction to labour relations: Environmental factors that play a role in industrial relations Participants in the South African labour relations system Features of the South African labour market Labour relations in the workplace Collective bargaining and the rights of the worker Industrial democracy and worker participation Industrial action	16
Trauma and emergency nursing TAV116 One three-hour paper	Unit	1 2 3 4	Initial assessment and management (8) Airway and ventilation (4) Shock (4) Thorax and abdominal trauma (8)	24
Trauma and emergency nursing TAV126 One three-hour paper	Unit	1 2 3 4 5	Head injuries (8) Spinal cord trauma (4) Musculoskeletal trauma (4) Burns (4) Special considerations in trauma (4)	24
Nursing education NVOV1716 One three-hour paper	Unit	1 2 3 4	Education legislation and outcome based education (5) Curriculum/programme development - Context: situation analysis (3) - Foundation: mission and vision (2) - Macro and micro development (4) Teaching models, methods, techniques and approaches (5) Learner centred teaching, methods and teaching media (5)	24
Nursing education NVOV1726 One three-hour paper	Unit	1 2 3 4	Outcome based education (4) - Clinical teaching (4) - Learner assessment (4) - Clinical assessment (4) Teaching management (2) Quality assurance in higher education (4) Programme evaluation (2)	24

Rule VGH5 RULES FOR THE ADVANCED DIPLOMAS IN NURSING**Rule VGH5.1 Information**

Advanced 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 Diplomas

QUALIFICATIONS	PROFESSIONAL REGISTRATIONS	CREDITS	STUDY CODE
Healthcare Management	Nursing Administration	124	2211
Nursing Education	Nursing Education	128	2213
Community Health Nursing	Community Health Nursing	120	2215
Orthopaedic Nursing	Orthopaedic Nursing	120	2232
Forensic Nursing		120	2231
Child Psychiatric Nursing	Child Psychiatric Nursing	120	2217
Paediatric Nursing	Child Health Nursing	120	2223
Critical Care Nursing: General	Critical Care Nursing:General	120	2212
Advanced Midwifery and Neonatology	Advanced Midwifery and Neonatal Nursing	120	225
Psychiatric Nursing	Psychiatric Nursing Science	120	2224
Operating Theatre Nursing Science	Operating Theatre Nursing	120	2227
Primary Clinical Healthcare	Clinical Nursing Science, Health Assessment, Treatment and Care	120	2214
HIV and AIDS Healthcare		128	2241
Occupational Health Nursing	Occupational Health Nursing Science	136	2219
Trauma and Emergency Nursing	Trauma and Emergency Nursing	120	2234
Gerontological Nursing	Gerontological Nursing	120	2216

Rule VGH5.2 Registration with the national qualifications framework

National Qualifications Framework Level: 7 for diplomas.

National Standard Field: 09 Health Sciences and Social Services.

Rule VGH5.3 Admission requirements and selection

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

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

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

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

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

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

- (x) *Critical Care Nursing*
Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of 700 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission. An exception can be made if the student obtained an average of 65% in the previous academic qualification.
- (xi) *Primary Clinical Healthcare*
Prospective students must be in possession of a qualification in Community Health Nursing and Midwifery in order to obtain admission to register for Primary Clinical Healthcare. Prospective students must write an admission test for which an average of 50% is required and must provide certified proof of current practical experience in the specialisation area for which they seek admission. Admission can be obtained by the successful completion of an applicable short learning programme.
- (xii) *Healthcare Management* Prospective students must provide certified proof of 700 hours per annum of practical experience within the past two years in the specialisation area for which they seek admission.

Rule VGH5.4 Readmission and checking of a student

UFS General Rule A3.11 and A6 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).

Rule VGH5.5 Admission to examinations

To be admitted to the official examination, except if the Dean decides to otherwise, a minimum module mark of at least 40% must be obtained to enable a student to write the official examination – Rule A9.2(a)

Rule VGH5.6 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.

Rule VGH5.7 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 clinical facilities accredited for the School by the South African Nursing Council.

Rule VGH5.8 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 75% is obtained for all the remaining modules.
- (iii) The diploma is completed in two years.

Rule VGH5.9 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 (50 %) of the credits for the diploma.

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

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

Advanced Diploma in Nursing Administration (GDVA)

Advanced Diploma in Nursing Education (GDVO)

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

TABLE 2: Similar modules in the advanced diplomas

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

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

Rule VGH5.10 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).

Rule VGH5.11 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 healthcare needs and the availability of staff and infrastructure.

Rule VGH5.12 Curriculum

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

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

Rule VGH5.12.1 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	Codes	Credits
Ethos and professional nursing practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Research	NREV1714	16
Educational psychology	NOSV1714	16
Introduction to HIV and AIDS healthcare	NIVV1712	8
Core modules	Codes	Credits
Nursing education	NVOV1716	24
Nursing education	NVOV1726	24
Nursing education practical	NOVP1705	20

HEALTHCARE MANAGEMENT

Fundamental modules	Codes	Credits
Ethos and professional nursing practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Sociology	SOCI4724	16
Introduction to HIV and AIDS healthcare	NIVV1712	8
Core modules	Codes	Credits
Healthcare management	NGSB1713	12
Healthcare management	NGSB1726	24
Healthcare management	NGSB1736	24
Healthcare management practical	NGBP1705	20

OCCUPATIONAL HEALTH NURSING

Fundamental modules	Codes	Credits
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Sociology	SOCI4724	16
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
Introduction to HIV and AIDS healthcare	NIVV1712	8
Core modules	Codes	Credits
Occupational health nursing	NNGV1716	24
Occupational health nursing	NNGV1726	24
Occupational health nursing practical	NNGP1705	20

HIV AND AIDS HEALTHCARE

Fundamental modules	Codes	Credits
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
Core modules	Codes	Credits
HIV and AIDS healthcare	NVIV1718	32
HIV and AIDS healthcare	NVIV1728	32
HIV and AIDS healthcare practical	NVIP1702	8

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

Fundamental modules for all clinical fields	Codes	Credits
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
Introduction to HIV and AIDS healthcare	NIVV1712	8

FORENSIC NURSING

Core modules	Codes	Credits
Forensic nursing	NFOV1716	24
Forensic nursing	NFOV1726	24
Forensic nursing practical	NEOP1705	20

COMMUNITY NURSING

Core modules	Codes	Credits
Community nursing	NGMV1716	24
Community nursing	NGMV1726	24
Community practical	NGMP1705	20

GERONTOLOGICAL NURSING

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

ADVANCED MIDWIFERY AND NEONATOLOGY

Core modules	Codes	Credits
Advanced midwifery and neonatology	NGVV1716	24
Advanced midwifery and neonatology	NVNV1726	24
Advanced midwifery and neonatology practical	NGVP1705	20

CHILD PSYCHIATRIC NURSING

Core modules	Codes	Credits
Child psychiatric nursing	NKPV1716	24
Child psychiatric nursing	NKPV1726	24
Child psychiatric nursing practical	NKPP1705	20

PAEDIATRIC NURSING

Core modules	Codes	Credits
Paediatric nursing	NKDV1716	24
Paediatric nursing	NKDV1726	24
Paediatric nursing practical	NKDP1705	20

CRITICAL CARE NURSING (GENERAL)

Core modules	Codes	Credits
Critical care nursing (general)	NKSV1716	24
Critical care nursing (general)	NKSV1726	24
Critical care nursing (general) practical	NKSP1705	20

OPERATING THEATRE NURSING

Core modules	Codes	Credits
Operating theatre nursing	NTNV1716	24
Operating theatre nursing	NTNV1726	24
Operating theatre nursing practical	NTNP1705	20

ORTHOPAEDIC NURSING

Core modules	Codes	Credits
Orthopaedic nursing	NOTV1716	24
Orthopaedic nursing	NOTV1726	24
Orthopaedic nursing practical	NOTV1705	20

PRIMARY CLINICAL HEALTHCARE

Core modules	Codes	Credits
Primary clinical healthcare	NPKG1716	24
Primary clinical healthcare	NPKG1726	24
Primary clinical healthcare practical	NPKP1705	20

PSYCHIATRIC NURSING

Core modules	Codes	Credits
Psychiatric nursing	NPSV1716	24
Psychiatric nursing	NPSV1726	24
Psychiatric nursing practical	NPVP1705	20

TRAUMA AND EMERGENCY NURSING

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

Rule VGH5.13 Equivalent codes

Modules followed in the advanced diplomas in 1999 to 2001 are equivalent to the following modules in 2002:

Advanced Diploma 2002 modules	Codes	Advanced Diploma 1999-2001 modules	Codes
Ethos and professional practice	PPV122	Ethos and professional practice	PPV120
Healthcare and the law	GRV122	Healthcare and the law	GRV120
Research	REV114	Research	REV110
Educational psychology	OSV114	Educational psychology	OSV110
Sociology	SOS164	Sociology	SOS165
Nursing education management	OBV113	Nursing education management	OBV110
Nursing education I	VOV115	Nursing education	VOV110
Nursing education II	VOV125	Nursing education	VOV120
Nursing education practical	OVP104	Nursing education practical	OVP100
Healthcare management I	GSB113	Healthcare management	GSB110
Healthcare management II	GSB126	Healthcare management	GSB120
Healthcare management III	GSB136	Healthcare management	GSB130
Healthcare management practical	GBP105	Healthcare management practical	GBP100
Occupational health nursing I	NGV115	Occupational health nursing	NGV110
Occupational health nursing II	NGV125	Occupational health nursing	NGV120
Occupational health nursing practical	NGP105	Occupational health nursing practical	NGP100
Basic midwifery I	VEV115	Basic midwifery	VEV110
Basic midwifery II	VEV125	Basic midwifery	VEV120
Basic midwifery practical	BEP105	Basic midwifery practical	BEP105
Forensic nursing I	FOV115	Forensic nursing	FOV110
Forensic nursing II	FOV125	Forensic nursing	FOV120
Forensic nursing practical	EOP105	Forensic nursing practical	EOP105
Community nursing I	GMV115	Community nursing	GMV110
Community nursing II	GMV125	Community nursing	GMV120
Community nursing practical	GMP105	Community nursing practical	GMP100
Gerontological nursing I	GEV115	Gerontological nursing	GEV110
Gerontological nursing II	GEV125	Gerontological nursing	GEV120
Gerontological nursing practical	GRP105	Gerontological nursing practical	GRP100
Advanced midwifery and neonatology I	GVV115	Advanced midwifery and neonatology	GVV110
Advanced midwifery and neonatology II	VNV125	Advanced midwifery and neonatology	VNV120
Advanced midwifery and neonatology practical	GVP105	Advanced midwifery and neonatology practical	GVP100
Child psychiatric nursing I	KPV115	Child psychiatric nursing	KPV110
Child psychiatric nursing II	KPV125	Child psychiatric nursing	KPV120
Child psychiatric nursing practical	KPP105	Child psychiatric nursing practical	KPP100
Paediatric nursing I	KDV115	Paediatric nursing	KDV110
Paediatric nursing II	KDV125	Paediatric nursing	KDV120
Paediatric nursing practical	KDP105	Paediatric nursing practical	KDP100
Critical care nursing (general) I	KSV115	Critical care nursing (general)	KSV110

Advanced Diploma 2002 modules	Codes	Advanced Diploma 1999-2001 modules	Codes
Critical care nursing (general) II	KSV125	Critical care nursing (general)	KSV120
Critical care nursing (general) practical	KSP105	Critical care nursing (general) practical	KSP100
Medical and surgical nursing I	MCV115	Medical and surgical nursing	MCV110
Medical and surgical nursing II	MCV125	Medical and surgical nursing	MCV120
Medical and surgical nursing practical	MCP105	Medical and surgical nursing practical	MCP100
Operating theatre nursing I	TNV115	Operating theatre nursing	TNV110
Operating theatre nursing II	TNV125	Operating theatre nursing	TNV120
Operating theatre nursing practical	TNP105	Operating theatre nursing practical	TNP100
Primary clinical care nursing I	PKG115	Primary clinical care nursing	PKG110
Primary clinical care nursing II	PKG125	Primary clinical care nursing	PKG120
Primary clinical care nursing practical	PKP105	Primary clinical care nursing practical	PKP100
Psychiatric nursing I	PSV115	Psychiatric nursing	PSV110
Psychiatric nursing II	PSV125	Psychiatric nursing	PSV120
Psychiatric nursing practical	PVP105	Psychiatric nursing practical	PVP100

Modules followed in the advanced diplomas in 2003 are equivalent to the following modules in 2004:

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

Advanced Diploma 2003 modules	Codes	Advanced Diploma 2004 modules	Codes
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 healthcare I	PKG116	Primary clinical healthcare I	PKG115
Primary clinical healthcare II	PKG126	Primary clinical healthcare II	PKG125
Psychiatric nursing I	PSV116	Psychiatric nursing I	PSV115
Psychiatric nursing II	PSV126	Psychiatric nursing II	PSV125
Trauma and emergency nursing I	TAV116	Trauma and emergency nursing I	TAV115
Trauma and emergency nursing II	TAV126	Trauma and emergency nursing II	TAV125

Elective modules followed in the Advanced Diplomas in 2005 are equivalent to the following modules in 2006:

Advanced Diploma 2005 module	Codes	Advanced Diploma 2006 module	Codes
Trauma and emergency nursing practical	TAV105	Trauma and emergency nursing practical	TAP115 and TAP125

Elective modules followed in the Advanced Diplomas in 1999-2008 are equivalent to the following modules in 2009:

Advanced Diploma (1999-2008 modules)	Codes	Advanced Diploma 2009 modules	Codes
Nursing education	VOV115 (20C)	Nursing education	VOV116 (24C)
Nursing education	VOV125 (20C)	Nursing education	VOV126 (24C)
Nursing education practical	OVP104 (16C)	Nursing education practical	OVP105 (20C)

Modules followed in the B in Advanced Nursing in 2014 are equivalent to the following modules in 2015:

B in Advanced Nursing 2014 Modules	Codes	B in Advanced Nursing 2015 modules	Codes
Ethos and professional nursing practice	PPV122	Ethos and professional nursing practice	NPPV1722
Healthcare and the law	GRV123	Healthcare and the law	NGRV1723
Research	REV114	Research	NREV1714
Pharmacology	FAV113	Pharmacology	NFAV1713
Educational psychology	OSV114	Educational psychology	NOSV1714
Sociology	SOS164	Sociology	SOS164
Introduction to HIV and AIDS healthcare	IVV112	Introduction to HIV and AIDS healthcare	NIVV1712

B in Advanced Nursing 2014 Modules	Codes	B in Advanced Nursing 2015 modules	Codes
Nursing education	VOV116	Nursing education	NVOV1716
Nursing education	VOV126	Nursing education	NVOV1726
Nursing education practical	OVP105	Nursing education practical	NOVP1705
Healthcare management	GSB113	Healthcare management	NGSB1713
Healthcare management	GSB126	Healthcare management	NGSB1726
Healthcare management	GSB136	Healthcare management	NGSB1736
Healthcare management practical	GBP105	Healthcare management practical	NGBP1705
Occupational health nursing	NGV116	Occupational health nursing	NNGV1716
Occupational health nursing	NGV126	Occupational health nursing	NNGV1726
Occupational health nursing practical	NGP105	Occupational health nursing practical	NNGP1705
HIV and AIDS healthcare	VIV118	HIV and AIDS healthcare	NVIV1718
HIV and AIDS healthcare	VIV128	HIV and AIDS healthcare	NVIV1728
HIV and AIDS healthcare practical	VIP102	HIV and AIDS healthcare practical	NVIP1702
Forensic nursing	FOV116	Forensic nursing	NFOV1716
Forensic nursing	FOV126	Forensic nursing	NFOV1726
Forensic nursing practical	EOP105	Forensic nursing practical	NEOP1705
Community nursing	GMV116	Community nursing	NGMV1716
Community nursing	GMV126	Community nursing	NGMV1726
Community nursing practical	GMP105	Community nursing practical	NGMP1705
Advanced midwifery and neonatology	GVV116	Advanced midwifery and neonatology	NGVV1716
Advanced midwifery and neonatology	GVV126	Advanced midwifery and neonatology	NGVV1726
Advanced midwifery and neonatology practical	GVP105	Advanced midwifery and neonatology practical	NGVP1705
Child psychiatric nursing	KPV116	Child psychiatric nursing	NKPV1716
Child psychiatric nursing	KPV126	Child psychiatric nursing	NKPV1726
Child psychiatric nursing practical	KPP105	Child psychiatric nursing practical	NKPP1705
Paediatric nursing	KDV116	Paediatric nursing	NKDV1716
Paediatric nursing	KDV126	Paediatric nursing	NKDV1726
Paediatric nursing practical	KPP105	Paediatric nursing practical	NKPP1705
Critical care nursing (general)	KSV116	Critical care nursing (general)	NKSV1716
Critical care nursing (general)	KSV126	Critical care nursing (general)	NKSV1726
Critical care nursing (general) practical	KSP105	Critical care nursing (general) practical	NKSP1705
Operating theatre nursing	TNV116	Operating theatre nursing	NTNV1716
Operating theatre nursing	TNV126	Operating theatre nursing	NTNV1726
Operating theatre nursing practical	TNP105	Operating theatre nursing practical	NTNP1705
Orthopaedic nursing	OTV116	Orthopaedic nursing	NOTV1716
Orthopaedic nursing	OTV126	Orthopaedic nursing	NOTV1726
Orthopaedic nursing practical	OTV105	Orthopaedic nursing practical	NOTV1705
Primary clinical healthcare	PKG116	Primary clinical healthcare	NPKG1716
Primary clinical healthcare	PKG126	Primary clinical healthcare	NPKG1726
Primary clinical healthcare practical	PKP105	Primary clinical healthcare practical	NPKP1705
Psychiatric nursing	PSV116	Psychiatric nursing	NPSV1716
Psychiatric nursing	PSV126	Psychiatric nursing	NPSV1726
Psychiatric nursing practical	PVP105	Psychiatric nursing practical	NPVP1705

Rule VGH5.14 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
Occupational health nursing NNGV1716 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 NNGV1726 One three-hour paper	Unit	1 Modalities of occupational health nursing	24
Ethos and professional practice NPPV1722 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 NFAV1713 One three-hour paper	Unit	1 Introduction to pharmacology (4) 2 Drug types (8)	12
Forensic nursing NFOV1716 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 NFOV1726 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
Healthcare management NGSB1713 One three-hour paper	Unit	1 The healthcare system in South Africa (4) 2 Management and management skills as a phenomenon in healthcare service delivery (8)	12
Healthcare management NGSB1726 One three-hour paper	Unit	1 Human resource management for healthcare service delivery (20) 2 Research and healthcare management (4)	24
Healthcare management NGSB1736 One three-hour paper	Unit	1 Public healthcare management (4) 2 Financial management in the public and private healthcare sectors (8) 3 Healthcare management for healthcare service delivery (12)	24
Healthcare and the law NGRV1723 One two-hour paper	Unit	1 SA legal system Legal and ethical guidelines Different forms of responsibility Informed consent Legal and ethical aspects in practice	12

MODULES AND PAPERS	UNITS	CREDITS
Community nursing NGMV1716 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 NGMV1726 One three-hour paper	Unit 1 Family care (birth to old age) (12) 2 Communicable diseases and reproductive care (8) 3 Occupational health (4)	24
Gerontological nursing GEV116 One three-hour paper	Unit 1 Demography of the elderly population and ageing process (8) 2 Psychosocial aspects of ageing (8) 3 Gerontological nursing skills (8)	24
Gerontological nursing GEV126 One three-hour paper	Unit 1 Gerontological services in SA and elsewhere (8) 2 Rehabilitation and home care; nutrition (8) 3 Aetiology of gerontological disorders, diagnostic and treatment methods (8)	24
Advanced midwifery and neonatology NGVV1716 One three-hour paper	Unit 1 Reproductive healthcare (8) 2 Maternal and family healthcare during pregnancy, labour, puerperium and the neonate (12) 3 Role of advanced midwife (4)	24
Advanced midwifery and neonatology NVNV1726 One three-hour paper	Unit 1 High risk midwifery (12) 2 High risk neonatology (8) 3 Safe motherhood (4)	24
Introduction to HIV and AIDS healthcare NIVV1712 One two-hour paper	Unit 1 Introduction to HIV and AIDS healthcare	8
Child psychiatric nursing NKPV1716 One three-hour paper	Unit 1 Common psychiatric disorders that apply to children (8) 2 Genetics and child psychiatric disorders (8) 3 Psychiatric assessment of children and their families Appropriate developmental theories (8)	24
Child psychiatric nursing NKPV1726 One three-hour paper	Unit 1 Treatment modalities	24
Paediatric nursing NKDV1716 One three-hour paper	Unit 1 General development of the child; development, function and pathophysiology of the body systems of the child (16) 2 Assessment of the health status of a child; maintenance of the health of the child (4) 3 Developmental problems and their treatment (4)	24
Paediatric nursing NKDV1726 One three-hour paper	Unit 1 Paediatric nursing care in short and long term hospitalisation (16) 2 Community paediatric nursing care (8)	24

MODULES AND PAPERS	UNITS	CREDITS	
Critical care (general) NKSV1716 One three-hour paper	Unit 1 2 3	Fundamental critical care (8) Respiratory nursing care (8) Cardiovascular and thoracic nursing care (8)	24
Critical care (general) NKSV1726 One three-hour paper	Unit 1 2 3	Neurological and neurosurgical nursing care (8) Surgical nursing care (8) Nephrological and endocrinological nursing care (8)	24
HIV and AIDS healthcare NVIV118 Two two-hour papers	Unit 1 2	Introduction to HIV and AIDS healthcare (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) Applied ethical issues (10)	32
HIV and AIDS healthcare NVIV1728 Two two-hour papers	Unit 1	HIV and AIDS treatment • Adult • Pregnant woman • Child	32
Research NREV1714 One three-hour paper	Unit 1 2	Introduction to nursing research (4) Research process (12)	16
Operating theatre nursing NTNV1716 One three-hour paper	Unit 1 2 3	Peri-operative nursing care (8) Asepsis and infection control in the operating theatre (8) Positioning the patient in the operating theatre Wound healing and haemostasis Specialised instruments Specialised diagnostic procedures (8)	24
Operating theatre nursing NTNV1726 One three-hour paper	Unit 1 2 3	General surgical procedures (8) Urological, gynaecological, ophthalmological, ear, nose and throat surgery (8) Neurosurgery, thoracic, mouth and jaw, plastic and reconstructive, and orthopaedic surgery (8)	24
Educational psychology NOSV1714 Formative assessment	Unit 1 2 3 4	Styles of learning (4) Pedagogic problem areas (4) Adolescence (4) Motivation, interest and attention (4)	16

MODULES AND PAPERS	UNITS	CREDITS
Orthopaedic nursing NOTV1716 One three-hour paper	Unit 1 Arthritis and other rheumatoid disorders (8) 2 Tuberculosis Bone infections Bone necrosis (4) 3 Metabolic and endocrine disorders with regard to Orthopaedics (4) 4 Dysplasia Tumours Amputations Neurovascular disorders Peripheral vascular disorders (4) 5 Orthopaedic nursing skills (4)	24
Orthopaedic nursing NOTV1726 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 healthcare NPKG1716 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 healthcare NPKG1726 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 NPSV1716 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 NPSV1726 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 SOCI4724 Formative assessment	Unit 1 Introduction to labour relations: environmental factors that play a role in industrial relations 2 Participants in the South African labour relations system 3 Features of the South African labour market 4 Labour relations in the workplace 5 Collective bargaining and the rights of the worker 6 Industrial democracy and worker participation 7 Industrial action	16
Trauma and emergency nursing TAV116 One three-hour paper	Unit 1 Initial assessment and management (8) 2 Airway and ventilation (4) 3 Shock (4) 4 Thorax and abdominal trauma (8)	24
Trauma and emergency nursing TAV126 One three-hour paper	Unit 1 Head injuries (8) 2 Spinal cord trauma (4) 3 Musculoskeletal trauma (4) 4 Burns (4) 5 Special considerations in trauma (4)	24
Nursing education NVOV1716 One three-hour paper	Unit 1 Education legislation and outcome based education (5) 2 Curriculum/programme development - Context: situation analysis (3) - Foundation: mission and vision (2) - Macro and micro development (4) 3 Teaching models, methods, techniques and approaches (5) 4 Learner centred teaching, methods and teaching media (5)	24
Nursing education NVOV1726 One three-hour paper	Unit 1 Outcomes based education (4) - Clinical teaching (4) - Learner assessment (4) - Clinical assessment (4) 2 Teaching management (2) 3 Quality assurance in higher education (4) 4 Programme evaluation (2)	24

POSTGRADUATE DIPLOMA IN HEALTH PROFESSIONS EDUCATION **120 Credits**
PGDip (Health Professions Education) **Study code: 8202**

Rule GBO1 **RULES FOR THE POSTGRADUATE DIPLOMA IN HEALTH PROFESSIONS EDUCATION**

Students must comply with both the stipulations of the General Rules for Honours Degrees and the rules of the Faculty of Health Sciences.

Rule GBO1.1 **Admission requirements**

To be allowed to register for the PGDip (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) An applicable three-year degree plus a one year qualification in a health sciences profession; or
- (c) An equivalent four-year qualification.

A student must (i) work as a health professional, health sciences 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 the Division Health Sciences Education.

Applicable prior learning and experience will be recognised when admission is sought. Credits gained in prior learning programmes may be recognised, depending on the contents of such programmes. This will be done according to the Recognition of Prior Learning Policy of the University of the Free State. The decision of the Dean of the Faculty of Health Sciences, is final.

Candidates are reminded about the General Rules and Rules of the Faculty of Health Sciences related to the maximum duration within the programme.

Applications for selection must be received before the end of August in the year prior to studies to be undertaken.

Rule GBO1.2 **Duration of diploma programme**

The programme extends over one or two years (**120 credits**) depending on the modules offered in a particular year.

Rule GBO1.3 **Curriculum**

Module work (**120 credits**)

Curriculum: Year one and two:

Three modules on compulsory themes:

HPEI5805	Orientation to Health Professions Education and Training
HPEA5805	Orientation to Health Professions Education and Training: Teaching, learning and assessment in the preclinical, clinical and internship years
HPER5805	Introduction to basic research in Health Professions

Three modules on optional (elective) themes:

HPEE5805	Introduction to concepts of learning in Health Sciences
HPEC5805	Orientation to Community Service Learning, Inter-disciplinary Education and Primary Health Care
HPEP5805	Basic principles of programme development, design and assessment for Health Professions Education and Training
HPES5805	Orientation to the development of professional skills in the Health Professions
HPEM5805	Basic principles of management in Health Professions Education and Health Care Institutions
HPEQ5805	Introduction to quality assurance in Health Professions Education

Rule GBO1.4 General

The module work commences on scheduled times as determined by the Head of the programme. A module comprises of scheduled contact time, followed by directed self-study.

Rule GBO1.5 Assessment

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

Rule GBO1.6 Promotion and distinctions

Students, who have obtained an average module mark of 65% or more, may be promoted without having to write the final assessment. Such students, however, will be allowed to take the final assessment should they wish to do so with the aim of improving their marks/obtaining a distinction.

The postgraduate diploma is awarded with distinction if the student obtains a final average mark of 75% for the modules taken and passed at the first opportunity, the student is assessed.

MASTER IN HEALTH PROFESSIONS EDUCATION**240 Credits****M Health Professions Education****Module work and Mini-Dissertation: Study code: 8737****Dissertation: Study code: 8736**

Rule GBO2 RULES FOR THE DEGREE MASTER IN HEALTH PROFESSIONS EDUCATION

Candidates must comply with both the stipulations of the General Rules for Master's degrees and the rules of the Faculty of Health Sciences.

Rule GBO2.1 Admission requirements

To be allowed to register for the degree Master of Health Professions Education, a candidate 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.

A candidate must (i) work as a health professional, health sciences 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 candidate in the Health Professions programme, or (iv) admission must be recommended by the Head of the applicable School in the Faculty of Health Sciences of the UFS, or the Head of the Division Health Sciences Education.

Applicable prior learning and experience will be recognised when admission is sought. Credits gained in prior learning programmes may be recognised, depending on the contents of such programmes. This will be done according to the Recognition of Prior Learning Policy of the University of the Free State. The decision of the Dean of the Faculty of Health Sciences is final.

Candidates are reminded about the General Rules and Rules of the Faculty of Health Sciences related to the maximum duration within the programme.

Applications for selection must be received before the end of August in the year prior to studies to be undertaken.

Rule GBO2.2 Duration of degree programme

The programme extends over one or two years (**240 credits**) depending on the modules offered in a particular year.

Rule GBO2.3 Curriculum

Two options:

(a) Option A: Module work (**120 credits**) plus a mini-dissertation (HPES7900) **Study code: 8737**
(**120 credits**)

or

(b) Option B: Dissertation (HPED8900) (**240 credits**) **Study code: 8736**

Option A: (Module work and Mini-Dissertation) Study code 8737

Three modules on compulsory themes:

HPEI7905 Introduction to Health Professions Education and Training
HPEA7905 Health Professions Education and Training: Teaching, learning and assessment in the pre-clinical, clinical and internship years
HPER7905 Introduction to research in health professions

Three modules on optional (elective) themes:

HPEE7905 Concepts of learning in health sciences
HPEC7905 Community Service Learning, Inter-disciplinary Education and Primary Health Care
HPEP7905 Programme development, design and assessment for health professions education and training
HPES7905 The development of professional skills in the health professions
HPEM7905 Management in health professions education and health care institutions
HPEQ7905 Quality assurance in health professions education

Option A:

HPES7900 Research project and mini-dissertation (**120 credits**) **Study code: 8737**

Rule GBO2.4 General: Option A

The module work commences on scheduled times as determined by the Head of the programme. A module comprises of scheduled contact time, followed by directed self-study.

Rule GBO2.5 Assessment

1. Competency will be proved by demonstration of stated outcomes to comply with standards set by the University and the Faculty. Efficiency and effectiveness in the achievement of stated outcomes and general performance as health sciences educator, teacher and researcher will be assessed. Candidates 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 mini-dissertation will be assessed in accordance with the General Rules 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 candidates' 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 mini-dissertation from the structured programme.

Rule GBO2.6 Promotion and distinctions

Candidates, who have obtained an average module mark of 65% or more, may be promoted without having to write the final assessment. Such candidates, however, will be allowed to take the final assessment should they wish to do so with the aim of improving their marks/obtaining a distinction.

The master degree is awarded with distinction if the candidate obtains a final average mark of 75 % for the minidissertation and combined modules. A final average mark of 75% is required for a distinction in the dissertation option.

Rule GBO2.7 Exit point

Candidates may not exit the programme with a Postgraduate Diploma in Health Professions Education (Study code 8202) as from 1 January 2009 according to The Higher Education Qualifications Framework (2007).

PHILOSOPHIAE DOCTOR IN HEALTH PROFESSIONS EDUCATION	360 Credits
PhD (Health Professions Education)	
	Study code: 8951

Rule GBO3 RULES FOR THE DEGREE DOCTOR OF PHILOSOPHY IN HEALTH PROFESSIONS EDUCATION

Rule GBO3.1 Admission requirements

The General Rules for doctoral degrees apply *mutatis mutandis*.

To be admitted to the programme, candidates must be in possession of:

- (a) A master's degree in Health Professions Education
or
- (b) A master's degree in a health sciences profession, or an equivalent qualification/level on the National Qualifications Framework (NQF), plus an educational qualification;
or
- (c) A master's degree in any health sciences discipline plus an educational qualification, or a similar master's degree plus an educational qualification;
or
- (d) A master's and/or doctor's degree and/or equivalent qualification in a scientific field which is applicable to the PhD discipline.

A candidate must work as a health professional, be in a post as health sciences educator/researcher; work in a health care or health sciences education institution, or as a health

care/health education official, or have at least one year's experience in health sciences education and training. Prior learning and experience will be assessed according to the Recognition of Prior Learning Policy of the University of the Free State if (d) is applicable, with proof of 12 credits (120 notional hours) obtained in credit bearing short modules and/or scientific contributions in the field of education. The decision of the Dean of the Faculty of Health Sciences is final.

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

Candidates are reminded about the General Rules of the University of the Free State and Rules of the Faculty of Health Sciences related to the maximum duration within the programme.

Applications for selection must be received before the end of August in the year prior to studies to be undertaken.

Rule GBO3.2 Thesis - HPET9100

- (a) A Faculty Committee will assess the proposed project. The title of the thesis will be submitted to the Faculty Board only on the recommendation of the Committee.
- (b) The Ethics Committee of the Faculty of Health Sciences must approve the study.
- (c) On completion of the research or at a time fixed by the promoter, the candidate must submit the research results in the form of a thesis.

Rule GBO3.3 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.

* * *

SUMMARY OF OLD AND NEW MODULE CODES**SCHOOL FOR ALLIED HEALTH PROFESSIONS**

OLD MODULE	NEW MODULE
ABT700	MOTR8900
ABT910	PDOT9100
ATN701	MOTS8905
DET700	MDED8900
DET704	MRES7905
DET709	MART7909
DET791	MDEM7900
DET901	PDET9100
FST701	ANMP7908
FST702	PHMP7908
FST703	MPPT7908
FST704	PTMS7900
FST705	PTMM7905
FST706	PTIS7904
FST707	PTST7904
FST708	PTSP7904
FST709	PTSH7904
FST710	PTKN7904
FST711	PTAF7904
FST712	PTCT7908
FST713	PTRS7900
FST792	PTMD8900
FST910	PTDP9100
GVD728	MCOM7938

GVD748	MCOM7948
KVD728	MTNU7938
KVD748	MTNU7948
MBG792	BIOA8900
MBW700	BIOD8900
OPM701	OPMS7903
OPM702	BPVS7903
OPM703	OPMS7902
OPM704	OPLV7903
OPM705	OPCL7903
OPM706	OPNO7902
OPM707	OPMR7902
OPM708	OPME7902
OPM791	OPMS7900
OPT700	OPMS8900
SVD728	MSPT7938
SVD748	MSPT7948
VDG700	MNUD8900
VDG704	MRES7905
VDG709	MART7909
VDG728	MNUT7938
VDG748	MNUT7948
VDG791	MNUM7900
VDG901	PNUT9100

SCHOOL OF MEDICINE

OLD MODULE	NEW MODULE
ACH501	MACA5810
ACH502	MACB5820
AEI501	MAEA5800
AEI502	MAEB5800
AGI501	MGMA5800
AGI502	MGMB5800
ANA601	ANHG6808
ANA602	ANHC6808
ANA603	ANHS6808
ANA604	ANHP6808
ANA709	ANMD8900
ANA900	ANPD9100
ANA901	ANPH9100
ANI501	MANA5800
ANI502	MANB5800

ANM700	ANMG7900
ANP601	MANP6800
ANP701	MANP7900
ANP709	MANP8900
ANP800	MANP7900
ANP890	MANM7900
ANP900	MMNP9100
ANP901	MANP9100
ANR700	ANMR7900
ANS890	MANS7900
ANS900	MMNS9100
ANS901	MANS9100
APB700	MAPB7900
API501	MAPA5800
API502	MAPB5800
APS501	MAPS5810

ASM703	MASM7903
AVG501	MAVA5800
AVG502	MAVB5800
BCS705	BMMS7905
BFI700	MPMN7900
BFK614	MPRS6814
BFK624	MPRS6824
BFK634	MPRS6834
BFK644	MPRS6844
BFK664	MPRS6764
BFK684	MPRS6884
BFK700	MPRS8900
BFK709	MPRS8900
BFK714	MPRS7914
BFK724	MPRS7924
BFK734	MPRS7934
BFK744	MPRS7944
BFK754	MPRS7954
BFK764	MPRS7964
BFK784	MPRS7984
BFK791	MPRS7900
BFK900	MPMD9100
BFK901	MPRD9100
BFM701	BMFA7904
BFM702	BMFB7904
BST709	MBST8900
BST900	MMTS9100
BST901	MBST9100
BWI700	MBWI7900
CEP700	MCEB7900
CEP701	MCEP7900
CEP709	MCEP8900
CEP890	MCEM7900
CEP900	MMEP9100
CEP901	MCEP9100
CFM891	MCFA7902
CFM892	MCFB7902
CFM893	MCFC7902
CFM894	MCFD7906
CHP601	MCHD6800
CHP700	MCHP7900
CHR800	MCHI7900
CHR890	MCHR7900
CHR900	MMHR9100
CHR901	MCHR9100
CHS501	MCHS5800

CHS502	MCHP5800
CLL705	MCLL7900
CNH891	MCHA7902
CNH892	MCHB7902
CNH893	MCHC7902
CNH894	MCHD7906
CPS704	MCPS7902
CSM703	MCSM7903
CSP703	MCSP7900
DBG501	MDBA5800
DBG502	MDBB5800
DBG503	MDBC5800
DBG504	MDBD5800
DBG505	MDBE5800
DBG506	MDBF5800
DER890	MDER7900
DER900	MMDE9100
DER901	MDER9100
DIR890	MDIR7900
DIR900	MMIR9100
DIR901	MDIR9100
DIS892	MDIB7902
DIS893	MDIC7902
DIS894	MDID7906
EME891	MEMA7902
EME892	MEMB7902
EME893	MEMC7902
EME894	MEMD7906
EXM703	MEXM7902
EXP705	MEXP7905
FFG601	PHHG6808
FFG602	PHHC6808
FFG603	PHHS6808
FFG691	PHHP6808
FFG709	PHMD8900
FFG900	PHPD9100
FFG901	PHPH9100
FFM700	PHMM7900
FRM601	MFRM6800
FRM700	MFRM7900
FRM709	MFRM8900
FRM900	MFRM9100
FRM901	MFRM9100
FSK601	PHYA6814
FSK606	PHYF6814
FSK611	PHYK6824

GEG891	MFHA7901
GEG892	MFHB7901
GEG893	MFHC7908
GFD510	MPDT5800
GFD520	MPDP5800
GFD530	MPDD5800
GFD540	MPDN5800
GFN700	MPMA7900
GFO700	MPMO7900
GFR700	MPMT7900
GGK601	MGGD5801
GGK602	MGGH5802
GGK603	MGGA5803
GGK605	MGGF5805
GGK606	MGGG5806
GGK607	MGGE5807
GGK608	MGGB5808
GGK609	MGGC5809
GGN890	MGGN7900
GGN900	MMGN9100
GGN901	MGGN9100
GII502	MGII5820
GPV703	MGPV7900
HAK901	MHAK9100
HEM601	MHEL6800
HEM602	MHEH6800
HEM603	MHEI6800
HEM604	MHEP6800
HEM700	MHEM7900
HEM701	MHEA7900
HEM709	MHEM8900
HEM890	MHEB7900
HEM900	MMEM9100
HEM901	MHEM9100
HSM501	MHSA5800
HSM502	MHSB5800
HSM503	MHSC5800
HSM504	MHSD5800
HSM505	MHSE5800
HSM506	MHSF5800
HSM507	MHSG5800
HSM508	MHSH5800
IMN601	MIMI6800
IMN602	MIMH6800
IMN603	MIMC6800
IMN604	MIMP6800

IMN709	MIMN8900
ING890	MING7900
ING900	MMNG9100
ING901	MING9100
INP800	MINP7900
IUD501	MIUA5810
IUD502	MIUB5820
KAR900	MKAR9100
KAR901	MKAR9100
KGN900	MMKN9100
KGN901	MKGN9100
KGW900	MKGW9100
KGW901	MKGW9100
KHA700	MKHA7900
KHA800	MKHB7900
KHA890	MKHC7900
KHA900	MMHA9100
KKR890	MKKR7900
KLP700	MKLP7900
KRS700	MKRS7900
KRS709	MKRS8900
KRS791	MKSS7900
KRS900	MMRS9100
KRS901	MKRS9100
KTC709	MKTC8900
KTC890	MKTC7900
KTC900	MKTC9100
KTC901	MTTC9100
MAH891	MMHA7902
MAH892	MMHB7902
MAH893	MMHC7902
MAH894	MMHD7906
MAT700	ANMM7900
MBG601	MBGT6804
MBG602	MBGP6826
MBG603	MBGR6818
MBG604	MBGM6814
MBG605	MBGI6814
MBG606	MBGH6814
MBG607	MBGC6814
MBG608	MBGS6824
MBG709	MMBG8900
MBG900	MMBG9100
MBG901	MMBG9100
MKM601	MMKT6804
MKM602	MMKP6804

MKM603	MMKR6800
MKM604	MMKM6804
MKM605	MMKV6804
MKM700	MMKM7900
MKM606	MMKC6804
MKM701	MKMA7900
MKM709	MMKM8900
MKM890	MKMB7900
MKM900	MMMK9100
MKM901	MMKM9100
MNG601	MHGC6800
MNG602	MHGM6800
MNG603	MHGR6800
MNG709	MMNG8900
MNG800	MMNA7900
MNG890	MMNB7900
NAM701	NAMA7903
NAM702	NAMB7900
NAN700	ANMN7900
NAV705	MNAV7905
NER890	MNER7900
NER900	MMER9100
NER901	MNER9100
NEU890	MNEU7900
NEU900	MMEU9100
NEU901	MNEU9100
OBG800	MOBS7900
OBG801	MOBU7900
OBG890	MOBG7900
OBG900	MMOG9100
OBG901	MOBG9100
OFT890	MOFT7900
OFT900	MMFT9100
OFT901	MOFT9100
OKT709	MOKT8900
OKT890	MOKT7900
OKT900	MMKT9100
OKT901	MOKT9100
ORT890	MORT7900
ORT900	MMRT9100
ORT901	MORT9100
OSG705	MOSG7907
OTO890	MOTO7900
OTO900	MMTO9100
OTO901	MOTO9100
PAL891	MPAA7902

PAL892	MPAB7902
PAL893	MPAC7902
PAL894	MPAD7906
PAO700	MPAO7900
PAT800	PATR7900
PAT801	MPAT7900
PCH890	MPCH7900
PCR502	MPCR8520
PED800	MPEA7900
PED890	MPEB7900
PED900	MMED9100
PED901	MPED9100
PHC891	MPHA7902
PHC892	MPHB7902
PHC893	MPHC7902
PHC894	MPHD7906
PLH890	MPLH7900
PRV801	MPMA7902
PRV802	MPMB7902
PSG890	MPSG7900
PSG900	MMSG9100
PSG901	MPSG9100
PUP890	MPUP7900
PUP900	MMUP9100
PUP901	MPUP9100
RAF700	MPMR7900
RAR501	MRAR5810
RBO709	MRBO8900
RBO800	MRBO7900
RBO900	MMBO9100
RBO901	MRBO9100
RFM800	MRFM7900
RPJ791	MRPJ7900
RTR502	MRTR8520
SAC891	MSAA7902
SAC892	MSAB7902
SAC893	MSAC7902
SAC894	MSAD7906
SIL709	MPGC7900 (Medical Genetics)
SIL709	MSIL7900 (MMed Psychiatry)
SKR891	MRPA7904
SKR892	MRPB7904
SKR893	MRPC7904
SKR894	MRPD7900
TMA504	MTMA5804

TMC509	MTMC5809
TMD504	MTMD5804
TMO504	MTMO5804
TMO700	MTMO8900
TMP504	MTMP5804
TMT505	MTMT5805
UID501	MUID5810
URL890	MURL7900
URL900	MMRL9100
URL901	MURL9100
VIR709	MVIR8900
VIR890	MKMB7900

VIR900	MMVI9100
VIR901	MVIR9100
VKG700	MCMA7902
VKG701	MVKG7900
VKG702	MVKA7900
VKG703	MVKT7900
VKG704	MVVC7900
VKG705	MVKS7900
VKG900	MMKG9100
VKG901	MVKG9100
WTW614	MATA6814

GENERAL

OLD MODULE	NEW MODULE
HPE601	HPEI5805
HPE602	HPEA5805
HPE603	HPER5805
HPE604	HPEE5805
HPE605	HPEC5805
HPE606	HPEP5805
HPE607	HPES5805
HPE608	HPEM5805
HPE609	HPEQ5805
HPE794	HPES7900
HPE793	HPED8900
HPE701	HPEI7905
HPE702	HPEA7905
HPE703	HPER7905
HPE704	HPEE7905
HPE705	HPEC7905
HPE706	HPEP7905
HPE707	HPES7905
HPE708	HPEM7905
HPE709	HPEQ7905
HPE900	HPET9100

OLD MODULE	NEW MODULE
EOP105	NEOP1705
FAV113	NFAV1713
FOV116	NFOV1716
FOV126	NFOV1726
GBP105	NGBP1705
GMP105	NGMP1705
GMV116	NGMV1716
GMV126	NGMV1726
GRV123	NGRV1723
GSB113	NGSB1713
GSB126	NGSB1726
GSB136	NGSB1736
GVP105	NGVP1705
GVV116	NGVV1716
IVV112	NIVV1712
KDP105	NKDP1705
KDV116	NKDV1716
KDV126	NKDV1726
KPP105	NKPP1705
KPV116	NKPV1716
KPV126	NKPV1726
KSP105	NKSP1705
KSV116	NKSV1716
KSV126	NKSV1726
NGP105	NNGP1705
NGV116	NNGV1716
NGV126	NNGV1726

OSV114	NOSV1714
OTV105	NOTV1705
OTV116	NOTV1716
OTV126	NOTV1726
OVP105	NOVP1705
PKG116	NPKG1716
PKG126	NPKG1726
PKP105	NPKP1705
PPV122	NPPV1722
PSV116	NPSV1716
PSV126	NPSV1726
PVP105	NPVP1705
RES792	NRES7908
REV114	NREV1714
SOS164	SOCI4724
TNP105	NTNP1705
TNV116	NTNV1716
TNV126	NTNV1726
VIP102	NVIP1702
VIV118	NVIV1718
VIV128	NVIV1728
VNV126	NVNV1726
VOV116	NVOV1716
VOV126	NVOV1726
VRT700	NVRT8900
VRT702	NVRT8905
VRT900	NVRT9100