

# **UNIVERSITY OF THE FREE STATE**

## **FACULTY OF HEALTH SCIENCES**

### **RULE BOOK**

#### **POSTGRADUATE DEGREES AND DIPLOMAS**

**2016**



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FACULTY OF HEALTH SCIENCES  
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# TABLE OF CONTENTS / DEGREES AND DIPLOMAS

## GENERAL

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

## DEGREES AND DIPLOMAS

### SCHOOL FOR ALLIED HEALTH PROFESSIONS

Qualification	Abbreviation	Minimum Duration	Study Code	Page
<b>Master's Degrees:</b>				
Master of Occupational Therapy.....	MOccTher .....	1 yr. ....	8770	9
Master of Science in Dietetics .....	MSc (Dietetics) .....	1 yr. ....	8780	10
(Dissertation)				
Master of Science in Dietetics .....	MSc (Dietetics) .....	1 yr. ....	8784	10
(Structured)				
Master of Nutrition .....	MNutr .....	1 yr. ....	8781	12
(Dissertation)				
Master of Nutrition .....	MNutr .....	1 yr. ....	8786	12
(Structured)				
Master of Science in Physiotherapy ....	MSc (Physiotherapy)	2 yrs. ....	8720	13
(Structured)				
Master of Science in Physiotherapy ....	MSc (Physiotherapy)	1 yr. ....	8739	15
(Dissertation)				
Master of Science in Physiotherapy ....	MSc (Physiotherapy)	2 yrs. ....	8743	16
(with specialisation in Sports Physiotherapy)				
Master of Optometry .....	MOptom .....	2 yrs. ....	8735	17
(Structured)				
Master of Optometry .....	MOptom .....	1 yr. ....	8734	19
(Dissertation)				
Master of Arts in Human Movement ....	MA (Human Movement			
Science (Dissertation or publishable	Science) .....	1 yr. ....	8789	20
interrelated manuscripts/published				
articles)				
<b>Doctoral Degrees:</b>				
Doctor of Philosophy .....	PhD .....	2 yrs. ....	8950	21
Doctor of Philosophy in Physiotherapy.	PhD (Physiotherapy)	2 yrs. ....	8954	21
Doctor of Philosophy in Occupational	PhD (OccTher).....	2 yrs. ....	8953	21
Therapy				
Doctor of Philosophy in Dietetics .....	PhD (Dietetics) .....	2 yrs. ....	8955	21
Doctor of Philosophy in Nutrition .....	PhD (Nutrition) .....	2 yrs. ....	8952	21
Doctor of Philosophy in Human	PhD (Human			
Movement Science .....	Movement Science) ..	2 yrs. ....	8989	21



## SCHOOL OF MEDICINE

Qualification	Abbreviation	Minimum Duration	Study Code	Page
<b>Honours Degrees:</b>				
Bachelor of Medical Science Honours	BMedScHons	1 yr. ....	8510	22
<i>Anatomical Pathology (In abeyance) ..</i>	.....	1 yr. ....	8531	22
<i>Anatomy and Cell Morphology .....</i>	.....	1 yr. ....	8530	23
<i>Chemical Pathology .....</i>	.....	1 yr. ....	8533	23
<i>Haematology and Cell Biology (In abeyance) .....</i>	.....	1 yr. ....	8537	24
<i>Human Genetics .....</i>	.....	1 yr. ....	8540	24
<i>Human Molecular Biology .....</i>	.....	1 yr. ....	8541	25
<i>Immunology (In abeyance) .....</i>	.....	1 yr. ....	8538	26
<i>Medical Microbiology/Virology .....</i>	.....	1 yr. ....	8539	26
<i>Medical Physics .....</i>	.....	1 yr. ....	8535	27
<i>Medical Physiology .....</i>	.....	1 yr. ....	8536	29
<i>Pharmacology (Analytical/Clinical)....</i>	.....	1 yr. ....	8534	29
<b>Master's Degrees:</b>				
Master of Medicine .....	MMed .....	4/5 yrs. ..	8700	31
Master of Medical Science .....	MMedSc .....	2 yrs. ....	8710	62
Master of Sport Medicine .....	M Sport Medicine.....	3 yrs. ....	8782	65
Master of Medical Science in Transfusion Medicine .....	MMedSc (Transfusion Medicine)	2 yrs. ....	8790	68
<b>Doctoral Degrees:</b>				
Doctor of Philosophy.....	PhD .....	2 yrs. ....	8930	69
Doctor of Medicine .....	DMed.....	2 yrs. ....	8900	69
Doctor of Medical Science.....	DMedSc .....		8940	70
<b>Postgraduate Diplomas:</b>				
Postgraduate Diploma in Endocrinology .....	PGDip (Endocrinology) .....	2 yrs. ....	8204	71
Postgraduate Diploma in Gastroenterology .....	PGDip (Gastroenterology) ....	2 yrs. ....	8205	72
Postgraduate Diploma in Geriatric Medicine .....	PGDip (Geriatric Medicine) ....	2 yrs. ....	8206	73
Postgraduate Diploma in Nephrology .....	PGDip (Nephrology) .....	2 yrs. ....	8207	74
Postgraduate Diploma in Pulmonology .....	PGDip (Pulmonology) .....	2 yrs. ....	8208	75
Postgraduate Diploma in Clinical Haematology .....	PGDip (Clinical Haematology) .....	2 yrs. ....	8209	76
Postgraduate Diploma in General Interventional Radiology .....	PGDip (General Interventional Radiology) .....	2 yrs. ....	8211	77
Postgraduate Diploma in Medical Physics .....	PGDip (Medical Physics) .....	2 yrs.....	8213	78
Postgraduate Diploma in Clinical Pharmacology .....	PGDip (Clinical Pharmacology) .....	1 yr. ....	8212	79
Postgraduate Diploma in Transfusion Medicine .....	PGDip (Transfusion Medicine)	2 yrs. ....	8223	80
Postgraduate Diploma in Radiography (Diagnostic) ( <i>In abeyance</i> ) .	PGDip (Radiography) (Diagnostic) .....	2 yrs. ....	8203	81



Postgraduate Diploma in Occupational Health .....	PGDip (Occupational Health) . 2 yrs. ....	8220	82
Postgraduate Diploma in Community Health ( <i>In abeyance</i> ) .....	PGDip (Community Health) ... 2 yrs. ....	8230	84
Postgraduate Diploma in Health Services Management .....	PGDip (Health Services Management) ..... 2 yrs. ....	8240	85

### **Master of Philosophy:**

***The 2016-intake is subject to the external approval of these programmes*** 86

Master of Philosophy in Endocrinology .....	MPhil (Endocrinology) ..... 2 yrs. ....	xxxx	87
Master of Philosophy in Gastroenterology .....	MPhil (Gastroenterology) .... 2 yrs. ....	xxxx	88
Master of Philosophy in Geriatric Medicine .....	MPhil (Geriatric Medicine) ... 2 yrs. ....	xxxx	89
Master of Philosophy in Nephrology .....	MPhil (Nephrology) ..... 2 yrs. ....	xxxx	90
Master of Philosophy in Pulmonology .....	MPhil (Pulmonology) ..... 2 yrs. ....	BC871200	91
Master of Philosophy in Clinical Haematology .....	MPhil (Clinical Haematology) ..... 2 yrs. ....	xxxx	91
Master of Philosophy in Advanced Clinical Imaging .....	MPhil (Advanced Clinical Imaging) ..... 2 yrs. ....	xxxx	93
Master of Philosophy in Paediatric Cardiology.....	MPhil (Paediatric Cardiology) ..... 3 yrs. ....	xxxx	94
Master of Philosophy in Paediatric Oncology .....	MPhil (Paediatric Oncology) ..... 2 yrs. ....	xxxx	97
Master of Philosophy in Gastroenterology Surgery .....	MPhil (Gastroenterology Surgery) ..... 2 yrs. ....	BC871100	98
Master of Philosophy in Trauma Surgery .....	MPhil (Trauma Surgery) ..... 2 yrs. ....	xxxx	99
Master of Philosophy in Vascular Surgery .....	MPhil (Vascular Surgery) .... 2 yrs. ....	xxxx	100
Master of Philosophy in Critical Care .....	MPhil (Critical Care) ..... 2 yrs. ....	xxxx	101
Master of Philosophy in Neonatology .....	MPhil (Neonatology) ..... 2 yrs. ....	xxxx	102

### **SCHOOL OF NURSING**

<b>Qualification</b>	<b>Abbreviation</b>	<b>Minimum Duration</b>	<b>Study Code</b>	<b>Page</b>
<b>Master's Degrees:</b>				
Master of Social Science in Nursing ( <i>Dissertation</i> ) .....	MSocSci (Nursing) ....	2 yrs. ....	2720	104
Master of Social Science in Nursing ( <i>Structured</i> ) .....	MSocSci (Nursing) ....	2 yrs. ....	2721	105
<b>Doctoral Degrees:</b>				
Doctor of Philosophy .....	PhD .....	2 yrs. ....	2940	111
Doctor of Social Science in Nursing .. ( <i>In abeyance</i> ) .....	DSocSci (Nursing) ....	2 yrs. ....	2900	111



**Advanced Degree:**

Bachelor in Advanced Nursing	B Advanced Nursing	3 yrs. ....	2540	111
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**Advanced Diplomas:**

Advanced University Diploma in Health Care Management .....	1 yr. ....	2211	130
Advanced University Diploma in Nursing Education .....	1 yr. ....	2213	135
Advanced University Diploma in Occupational Health Nursing ..	1 yr. ....	2219	136
Advanced University Diploma in Forensic Nursing .....	1 yr. ....	2231	136
Advanced University Diploma in Community Health Nursing .....	1 yr. ....	2215	136
Advanced University Diploma in Gerontological Nursing .....	1 yr. ....	2216	137
Advanced University Diploma in Advanced Midwifery and Neonatology .....	1 yr. ....	2225	137
Advanced University Diploma in Child Psychiatric Nursing .....	1 yr. ....	2217	137
Advanced University Diploma in Paediatric Nursing .....	1 yr. ....	2223	137
Advanced University Diploma in Critical Care Nursing (General)..	1 yr. ....	2212	137
Advanced University Diploma in Operational Ward Nursing .....	1 yr. ....	2227	137
Advanced University Diploma in Orthopaedic Nursing .....	1 yr. ....	2232	137
Advanced University Diploma in Primary Clinical Health Care ....	1 yr. ....	2214	137
Advanced University Diploma in Psychiatric Nursing .....	1 yr. ....	2224	137
Advanced University Diploma in Trauma and Emergency Nursing	1 yr. ....	2234	138

**HEALTH SCIENCES EDUCATION**

Qualification	Abbreviation	Minimum Duration	Study Code	Page
<b>Postgraduate Diploma:</b>				
Postgraduate Diploma in Health Professions Education .....	PGDip (Health Professions Education)	1 yr. ....	8202	148
<b>Master's Degree:</b>				
Master of Health Professions Education .....	MHProfEdu .....	1 yr. ....	8702	150
<b>Doctoral Degree:</b>				
Doctor of Philosophy in Health Professions Education .....	PhD (Health Professions Education)	2 yrs. ....	8951	152
<b>SUMMARY OF OLD AND NEW MODULE CODES .....</b>				154



## CONTACT PERSONS

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

### **FACULTY - OFFICER: SELECTION AND ADMISSION**

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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.

## ACADEMIC STAFF

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## DEFINITIONS

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Refer to the University of the Free State General Rules 2016 for the additional definitions of terms to ensure clarity and uniform interpretation.

## OFFICIAL ADDRESS

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**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](mailto:info.stg@ufs.ac.za)**

<b>Note:</b> Please indicate your student number on all correspondence to the University.
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## RULES

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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

<b>MASTER OF OCCUPATIONAL THERAPY</b>		<b>240 Credits</b>
<b>MOccTher</b>	<b>Dissertation</b>	<b>Study code 8770</b>

## **Rule AGH1 RULES FOR THE DEGREE MASTER OF 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 MOccTher, he/she must:

- (a) Be in possession of a four-year qualification 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 Bachelor's Degree or a qualification deemed equivalent by the University.
- (c) Have at least one year clinical experience in the field in which the student will conduct research.
- (d) Be registered as an Occupational Therapist with the Health Professions Council of South Africa (HPCSA).

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**

MOTR8900	Dissertation	240 credits
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### **Rule AGH1.4 Pass requirements**

- (a) According to the prescriptions of the General Rules, all required modules must be passed.
- (b) A research module (MOTS7905), 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. If a student can submit proof of the successful completion (minimum of 60% obtained) of a research methodology module equivalent to the NQF level and credits of MOTS7905, on application for admission to postgraduate studies, exemption for this module will be granted.
- (c) The degree MOccTher 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 Faculty Management.
- (iii) On completion of the dissertation and on recommendation of the supervisor(s), the dissertation will be examined by two external examiners and one internal examiner.

### Additional Examination

See General Rules of the University of the Free State.

<b>MASTER OF SCIENCE IN DIETETICS</b>		<b>240 Credits</b>
<b>MSc (Dietetics)</b>	<b>Dissertation Structured</b>	<b>Study code 8780</b>
		<b>Study code 8784</b>

## **Rule AGH2                    RULES FOR THE DEGREE MASTER OF SCIENCE 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 NQF Exit Level 8 integrated BSc (Dietetics) qualification.
- (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 with the Health Professions Council of South Africa (HPCSA) as a Dietician.

Admission is subject to selection.

If necessary, a student may be required to enrol for additional modules 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 (Programme A): 240 credits**

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

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

Modules (Compulsory):

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



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

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

#### **Rule AGH2.4          Assessment**

##### **Programme A (Dissertation):**

- (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. If a student can submit proof of the successful completion (minimum of 60% obtained) in a research methodology module equivalent to the NQF level and credits of MRES7905, on application for admission to postgraduate studies, exemption for this module will be granted.
- (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 publishable interrelated manuscript/published 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.

<b>MASTER OF NUTRITION</b>		<b>240 Credits</b>
<b>MNutr</b>	<b>Dissertation</b>	<b>Study code 8781</b>
	<b>Structured</b>	<b>Study code 8786</b>

## **Rule AGH3 RULES FOR THE DEGREE MASTER OF NUTRITION**

### **Rule AGH3.1 Admission requirements**

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

- (a) Is in possession of a relevant Bachelor's degree on NQF Exit Level 8.
- (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 modules 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**

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

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

Modules (Compulsory):

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

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

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

### **Rule AGH3.4 Assessment**

#### **Programme A (Dissertation):**

- (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. If a student can submit proof of the successful completion (minimum of 60% obtained) of a research methodology module equivalent to the NQF



level and credits of MRES7905, on application for admission to postgraduate studies, exemption for this module will be granted.

- (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 publishable interrelated manuscript/published 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.

<b>MASTER OF SCIENCE IN PHYSIOTHERAPY</b>		<b>240 Credits</b>
<b>MSc (Physiotherapy)</b>	<b>Structured</b>	<b>Study code 8720</b>

#### **Rule AGH4.1      RULES FOR THE DEGREE MASTER OF SCIENCE 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 qualification in Physiotherapy on NQF Exit Level 8 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 Bachelor's 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 curriculum.
- (c) Pass the prescribed University assessments.
- (d) Complete a mini-dissertation and publishable interrelated manuscript/published 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 publishable interrelated manuscript/published 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 MASTER OF SCIENCE 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 qualification on NQF Exit Level 8 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 modules deemed relevant.

### **Rule AGH4.2.2      Duration of programme**

The programme extends over a minimum period of one year.

### **Rule AGH4.2.3      Curriculum**

PTMD8900	Dissertation	240 credits
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### **Rule AGH4.2.4      Assessment**

- (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. If a student can submit proof of the successful completion (minimum of 60% obtained) of a research methodology module equivalent to the NQF level and credits of PTMM7905, on application for admission to postgraduate studies, exemption for this module will be granted.
- (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 MASTER OF SCIENCE 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 qualification on NQF Exit Level 8 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 modules deemed relevant.

**Rule AGH4.3.2      Duration**

The programme extends over a minimum period of two years.

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

o PTMM7905	Research Methodology (Physiotherapy)	20 credits
o PTIS7904	Introduction to Sports Physiotherapy	16 credits
o PTST7904	Soft tissue injuries	16 credits
o PTSP7904	The spine	16 credits
o PTSH7904	The shoulder	16 credits
o PTKN7904	The knee	16 credits
o PTAF7904	The lower leg, ankle and foot	16 credits

**• Clinical training**

o PTCT7908	Clinical training	32 credits
– Clinical logbooks		
– Case portfolios		
– Patient presentations		
– Academic discussions		
– Elective period at recognised facilities		

**• Research**

o PTRS7900	Mini-dissertation and concept article	92 credits
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A student will only be allowed to offer PTRS7900 after completion of PTMM7905.

#### **Rule AGH4.3.4      General**

Course 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 MSc (Physiotherapy with specialisation in 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 between 40% and 45% is obtained in the examination.

<b>MASTER OF OPTOMETRY</b>		<b>180 Credits</b>
<b>MOptom</b>	<b>Structured</b>	<b>Study code 8735</b>

#### **Rule AGH5.1      RULES FOR THE DEGREE MASTER OF 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 MOptom if he/she:



- (a) Is in possession of a four year Bachelor's Degree on NQF Exit Level 8 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:*

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

*Year 2:                      Compulsory modules:*

OPMR7902	Advanced research methodology	8 credits
OPME7902	Module on elective themes in Optometry (Choice of suitable themes)	8 credits
OPMS7900	Research project and mini-dissertation	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. publishable manuscripts) 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 MASTER OF OPTOMETRY****Rule AGH5.2.1 Admission requirements**

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

- (a) Is in possession of a four-year Bachelor's Degree on NQF Exit Level 8 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**

OPMS8900                      Dissertation                                              180 credits

**Rule AGH5.2.4 Assessment**

- (a) A research module (OPMS7902) 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. If a student can submit proof of the successful completion (minimum of 60% obtained) of a research methodology module equivalent to the NQF level and credits of OPMS7902, on application for admission to postgraduate studies, exemption for this module will be granted.
- (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.

**Rule AGH6.1            RULES FOR THE DEGREE MASTER OF ARTS 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 BAHons (Human Movement Science) degree 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 BRES7905 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**

BIOD8900	Dissertation	200 credits
or		
BIOA8900	Publishable interrelated manuscripts/published articles	200 credits

**Rule AGH6.1.4        Pass requirements**

- (a) According to the prescriptions of the General Rules, all required modules 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 publishable interrelated manuscript/published article format:
  - (i) A research module (BRES7905), 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. If a student can submit proof of the

successful completion (minimum of 60% obtained) of a research methodology module equivalent to the NQF level and credits of BRES7905, on application for admission to postgraduate studies, exemption for this module will be granted.

- (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/publishable interrelated manuscripts/published articles and on recommendation of the supervisor(s), the dissertation or publishable interrelated manuscripts/published articles will be examined by two external and one internal assessor.

### Additional Examination

See General Rules of the University of the Free State.

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## DOCTOR OF PHILOSOPHY PhD

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**360 Credits**  
**Study code 8950**

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### Rule AGH7                      RULES FOR THE DEGREE DOCTOR OF PHILOSOPHY IN THE SCHOOL FOR ALLIED HEALTH PROFESSIONS

#### Rule AGH7.1                      Admission requirements

The General Rules in respect of Doctoral 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 magister qualification from the department concerned, or any other qualification deemed adequate by the Senate.

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

PhD in:

PDET9100	Dietetics	Study code: 8955	360 credits
PNUT9100	Nutrition	Study code: 8952	360 credits
PTDP9100	Physiotherapy	Study code: 8954	360 credits
PDOT9100	Occupational Therapy	Study code: 8953	360 credits

PhD with specialisation in:

BIOT9100	Human Movement Science (Thesis)	Study code: 8989	360 credits
	or		
BIOA9100	Human Movement Science (Interrelated publishable manuscripts/ published articles)		

#### 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 Bachelor Honours Degrees and the rules of the Faculty of Health Sciences.

At registration for the degree BMedScHons, it is required for any student to register with the Health Professions Council of South Africa as intern medical student (Medical Microbiology or Virology) 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 qualification 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.

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

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**(i) Admission requirements**

An appropriate Bachelor's Degree on NQF Exit Level 8 or equivalent qualification is required for admission to the degree BMedSchHons 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	<i>Capita Selecta</i>	32 credits
2.	ANHC6808	<i>Capita Selecta</i>	32 credits
3.	ANHS6808	<i>Capita Selecta</i>	32 credits
4.	ANHP6808	<i>Capita Selecta</i>	32 credits

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

**(iii) Assessment**

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

**(iv) Pass requirements**

See General Rules of the University of the Free State.

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**3. Chemical Pathology****Study code 8533**

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**(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 mini-dissertation

**(iv) Pass requirements**

See General Rules of the University of the Free State.

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<b>4. Haematology and Cell Biology (In Abeyance)</b>	<b>Study code 8537</b>
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**(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 Research Report	30 credits

**Syllabus**

- (a) Basic Research Principles.
- (b) Submission of a Research Report 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.

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<b>5. Human Genetics</b>	<b>Study code 8540</b>
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**(i) Admission requirements**

- (a) BSc or BMedSc degree with the appropriate curriculum composition.
- (b) An average of at least 60% is required in each major third-year discipline.
- (c) Admission is subject 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



- (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 Report, 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 weighted average mark of at least 75%.

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**6. Human Molecular Biology**

**Study code 8541**

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**(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 by, the subject head of Human Molecular Biology.

**(ii) Curriculum**

The modules 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**

- (a) MBGT6804 is assessed through an oral examination.

- (b) MBGP6826 and MBGR6818 are assessed in a written scientific paper as well as an oral presentation.
- (c) MBGM6814, MBGI6814 and MBGH6814 are assessed in written assignments and practical as required as well as a three-hour examination paper.
- (d) 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.

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<b>7. Immunology (In abeyance)</b>	<b>Study code 8538</b>
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**(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**

- (a) Basic research principles.
- (b) Submission of a Research Report 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.

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<b>8. Medical Microbiology/Virology</b>	<b>Study code 8539</b>
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**(i) Admission requirements**

- (a) A BSc degree or equivalent qualification with an applicable curriculum which includes Microbiology, preferably obtained with a minimum average of 65% for the first major at third-year level. A minimum average 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 degree 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 with 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 Report	40 credits
MMKM6804	Current research in Medical Bacteriology	16 credits
MMKV6804	Current research in Virology	16 credits

**Modules of choice**

MBGM6814	Diagnostic Molecular Biology	16 credits
MBGI6814	Applications of Molecular Biology in Immunology	16 credits
MMKC6804	<i>Capita Selecta</i>	16 credits

**(iii) Assessment**

- (a) MMKT6804, MMKM6804, MMKV6804, MBGM6814, MBGI6814 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 Research Report and oral presentation.

**(iv) Pass requirements**

See General Rules of the University of the Free State.

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**9. Medical Physics**

**Study code 8535**

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**(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. Admission 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 to 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
PHYS6814/24	Quantum Mechanics	16 credits
PHYI6874/84	Semiconductors	16 credits
MATN6814	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
PHYE6834/44	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 contribute to the module mark. Details of the composition of the module mark are included in the individual module guides.

**Calculation of marks**

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

**(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 obtained 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 programme 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.

**(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	<i>Capita Selecta</i> from the discipline Physiology	32 credits
PHHS6808	Seminars on Physiology	32 credits
PHHP6808	A practical laboratory assignment with a report <b>or</b> 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 as 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.

**(i) Admission requirements**

BSc or an equivalent qualification.

**(ii) Curriculum**

- Medical Pharmacology
- Applied Pharmacology
- Pharmacological Research Methods
- Mini-dissertation

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. 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 (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, PLUS  
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:

- 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.
- 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.
- After a selection process, postgraduate students are appointed in a training post (registrar) as defined by 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 above-mentioned 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 numerary 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 Council 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 Council. 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, class fees will not be refunded.
- (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 labour.

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 endorsement by 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**

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

#### **NAMA7903      Research Methodology**

#### Elucidation:

- (i) A minimum attendance rate of 75% is required.
- (ii) In order to be admitted to NAMB7900 (Mini-dissertation) 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

### Elucidation:

- (i) The Mini-dissertation 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.
  - The MMed research that is submitted for assessment should preferably be in the format of a publishable interrelated manuscript/published article.
- (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.

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<b>B. Health Care Practice</b>	<b>Attendance</b>
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## MGPV7900 Health Care Practice

### Elucidation:

- (i) A minimum attendance rate of 80% is required.
- (ii) Before the MMed Degree 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.



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

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<b>Part I:</b>	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	
<b>Part II:</b>	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 (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 from the Head of the 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.

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

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<b>Part I:</b>	Basic subjects:	MANP7900# Anatomical Pathology 120 credits NAMA7903 Research Methodology 12 credits MGPV7900 Health Care Practice Attendance	
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<b>Part II:</b>	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.

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

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<b>Part I:</b>	Basic subjects:	ANMG7900 Anatomy	60 credits
		PHMM7900 Physiology (Medicine)	60 credits
		MAPB7900 Anatomical Pathology	60 credits
<b>Part II:</b>	Subsidiary subject:	MCHI7900 General Surgery principles including Intensive Care	152 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance
<b>Part III:</b>	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 publishable interrelated manuscript/published article on own research.
- (ix) Continuous assessment can count 30% of the final assessment.

Residency (RES): Five years.

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

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<b>Part I:</b>	Basic subjects:	MCEM7900#	Chemical Pathology	120 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
#Approved facet(s) of MCEP7900, MHEA7900, MMKA7900, MVIA7900 and MANP7900 (see Rule MGH2.7.1)				
<b>Part II:</b>	Major subject:	MCEB7900	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.

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

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\*Subject to amendment

<b>Part I:</b>	Basic Subjects:	MCEB7900 Chemical Pathology	40 credits
		MHEM7900 Haematology	40 credits
		MMKM7900 Microbiology	40 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance
<b>Part II:</b>	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.

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

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<b>Part I:</b>	Basic Subjects:	MVKG7900	Communicable and non-communicable health-related conditions	60 credits
		MVKA7900	Administration/management Theory and behavioural studies	60 credits
		MVKT7900	Theory of epidemiology, Biostatistics and demography	60 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.

<b>Part II:</b>	Major Subject:	MVKC7900	Community Health	200 credits
		(i)	Administration/Management of Health Services	
		(ii)	Systematic and Interventional Epidemiology	
		(iii)	Environmental Health	
		MVKS7900	Mini-dissertation	100 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 of Community Health for the assessment of the submitted mini-dissertation.
- (viii) The student must have completed and passed MVKS7900 before he/she can 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.

<b>7. Dermatology – MMed (Dermatology)</b>				<b>Study code 8707</b>
<b>480 Credits (including compulsory general modules)</b>				
<b>Part I:</b>	Basic subjects:	PHMM7900	Physiology (Medicine)	60 credits
		ANMM7900	Micro-anatomy	60 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part II:</b>	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.

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

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<b>Part I:</b>	Basic subjects:	ANMR7900	Anatomy and Radiological Anatomy	60 credits
		MPMR7900	Radiological Physics	60 credits
<b>Part II:</b>	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
<b>Part III:</b>	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/publishable interrelated manuscript/published 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.

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

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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 four (4) 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 a 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)	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 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 Skills including Surgery, Anaesthesiology and Medical Procedures
MDIA7902/MDIB7902/MDIC7902/MDID7906	Dispensing



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

<b>10. Forensic Medicine – MMed (Forensic Medicine)</b>				<b>Study code 8709</b>
<b>600 Credits (including compulsory general modules)</b>				
<b>Part I:</b>	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
<b>Part II:</b>	Subsidiary subject:	MANF7900	Anatomical Pathology	152 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part III:</b>	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.

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

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

#Approved facet(s) of MCEP7900, MHEA7900, MMKA7900, MVIA7900 and MANP7900 (see Rule MGH2.7.1).

<b>Part II:</b>	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.

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

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<b>Part I:</b>	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

<b>Part II:</b>	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 submit 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

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

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<b>Part I:</b>	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
<b>Part II:</b>	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, OSCA 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.

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

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<b>Part I:</b>	Basic subjects:	MKMA7900	#Microbiology	120 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
		#Approved facet(s) of MCEP7900, MHEA7900, MMKA7900 and MVIA7900 (see Rule MGH2.7.1).		
<b>Part II:</b>	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.

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

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<b>Part I:</b>	Basic subjects:	#MVIA7900	Virology	120 credits
		#Approved facet(s) of MCEP7900, MHEA7900, MMKA7900, MVIA7900 and MANP7900 (see Rule MGH2.7 1(e)).		
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance



<b>Part II:</b>	Major subject:	MVIB7900	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.

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

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

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

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<b>Part I:</b>	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.

<b>Part II:</b>	Subsidiary subject:	MCHI7900 General surgical principles including Intensive Care	152 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance

<b>Part III:</b>	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.

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

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

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

<b>Part III:</b>	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)

<b>Part I:</b>	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits

# From 2015: FCOG Part 1 alternatively MMed Part 1

<b>Part II:</b>	Subsidiary subject:	MOBS7900	Skills in Obstetrics and Gynaecology	60 credits
		MOBU7900	Ultrasound Portfolio	Competent
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance

<b>Part III:</b>	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) degree.
- (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. Successfully 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 Part II of the Board Exam AS WELL AS Part III of the MMed (MOBG7900) have been passed.
  - (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) degree can be obtained with a distinction upon recommendation of the External examiner/s to this effect. 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.

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

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<b>Part I:</b>	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
<b>Part II:</b>	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.



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

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<b>Part I:</b>	Basic subjects:	ANMG7900 Anatomy	60 credits
		PHMM7900 Physiology (Medicine)	60 credits
		MAPB7900 Anatomical Pathology	60 credits
<b>Part II:</b>	Subsidiary subject:	MCHI7900 General Surgery Principles including Intensive Care	152 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance
<b>Part III:</b>	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 examinations individually is a prerequisite for passing Part III.

Residency (RES): Five years.

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

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<b>Part I:</b>	Basic subjects:	ANMG7900 Anatomy	60 credits
		PHMM7900 Physiology (Medicine)	60 credits
		MAPB7900 Anatomical Pathology	
		General Principles	60 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance
<b>Part II:</b>	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 of standard format is compulsory.



- (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.

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

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<b>Part I:</b>	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:
- The normal growth and development of the infant and child;
  - Embryology and anatomy relevant to the above;
  - Physiology and biochemistry, with special reference to the childhood years;
  - Pathology, pathophysiology, microbiology and parasitology, with special reference to the childhood years;
  - Applied medical pharmacology and general principles of genetics;
  - Principles of therapy with special reference to the childhood years; and
  - 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.

<b>Part II:</b>	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.

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

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<b>Part I:</b>	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	60 credits
<b>Part II:</b>		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
	Subsidiary subject:	MCHI7900	General surgical principles, including Intensive Care	152 credits



<b>Part III:</b>		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

<b>25. Plastic Surgery – MMed (Plastic Surgery)</b>				<b>Study code 8725</b>
<b>600 Credits (including compulsory general modules)</b>				
<b>Part I:</b>	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	
			General Principles	60 credits
<b>Part II:</b>	Subsidiary subject:	MCHI7900	General surgical principles including Intensive Care	152 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part III:</b>	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.

<b>26. Psychiatry – MMed (Psychiatry)</b>				<b>Study code 8726</b>
<b>480 Credits (including compulsory general modules)</b>				
<b>Part I:</b>	Basic subjects:	MSIL7900	Psychology	60 credits
		ANMN7900	Neuro-anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
<b>Part II:</b>	Subsidiary subject:	MINP7900	Internal Medicine (Neurology and Psychopharmacology)	90 credits
		NAMA7903	Research Methodology	12 credits



		MGPV7900 Health Care Practice	Attendance
<b>Part III:</b>	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 from the Head of Department.

Residency (RES): Four years.

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### **27. Radiation Oncology – MMed (Radiation Oncology) Study code 8727**

#### **480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic subjects:	ANMG7900 Anatomy	60 credits
		PHMM7900 Physiology (Medicine)	60 credits
		MPMT7900 Medical Physics (Rad.T.)	60 credits
<b>Part II:</b>	Subsidiary subjects:	MPAT7900 Pathology	60 credits
		MRBO7900 Radiobiology	30 credits
		NAMA7903 Research Methodology	12 credits
		MGPV7900 Health Care Practice	Attendance
<b>Part III:</b>		NAMB7900 Mini-dissertation	64 credits
	Major subject:	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 examination.

Residency (RES): Four years.

<b>28. Surgery – MMed (Surgery)</b>	<b>Study code 8706</b>
<b>600 Credits (including compulsory general modules)</b>	

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

<b>29. Urology – MMed (Urology)</b>	<b>Study code 8728</b>
<b>600 Credits (including compulsory general modules)</b>	

<b>Part I:</b>	Basic subjects:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	60 credits
<b>Part II:</b>	Subsidiary subject:	MCHI7900	General Surgery Principles including Intensive Care	152 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part III:</b>	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 publishable interrelated manuscript/published article about the specific research.
2. A "Mini-Cochrane review", consisting of 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 the 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 subsequent motivations will be considered after the final decision of the Appeals Committee.

## **Rule MGH2.6      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 MGH2.7            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 MGH2.8            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 the department during this time, but must still be a registered student.

**Rule MGH2.9            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 MMedSc Degree may be offered in any of the following disciplines in the Faculty of Health Sciences:

Anatomy and Cell Morphology (ANMD8900)	Human Molecular Biology (MMBG8900)
Anatomical Pathology (MANP8900)	Immunology (MIMN8900)
Biostatistics (MBST8900)	Medical Microbiology (MMKM8900)
Cardiothoracic Surgery (MKTC8900)	Medical Physics (MPRS8900)
Chemical Pathology (MCEP8900)	Radiation Oncology (MOKT8900)
Clinical Radiology (MRBO8900)	Pharmacology (Analytical/Clinical) (MFRM8900)
Critical Care (MKRS8900)	Physiology (PHMD8900)
Haematology and Cell Biology (MHEM8900)	Virology (MVIR8900)
Human Genetics (MMNG8900)	

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 qualification 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 opportunities 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.

**Admission requirements:**

Admission to the programme is subject to recommendation by the Programme Head. 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. The candidate must work full-time in an accredited ICU for the two year period of the programme.

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 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.

**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**

MPRS8900	Dissertation	200 credits
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**Duration of programme**

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

**Pass requirements**

See General 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) MRPJ7900 100 credits
  - Development of a research protocol

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 at 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 publishable manuscripts. 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.

## MSportMed

<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"> <li>RESEARCH PROJECT: PROTOCOL</li> <li>3 MODULES: RESEARCH METHODOLOGY BASIC MEDICAL SCIENCES EXERCISE PHYSIOLOGY</li> </ul> <p>YEAR 2: CLINICAL LEARNING: 1 MODULE</p> <ul style="list-style-type: none"> <li>RESEARCH PROJECT: LITERATURE STUDY AND EMPIRICAL RESEARCH</li> <li>CLINICAL EXERCISE MEDICINE</li> <li>APPLIED SCIENCES</li> <li>CLINICAL SPORTS MEDICINE</li> </ul>
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## UFS SCHOOL OF MEDICINE

<p>YEAR 3:</p> <ul style="list-style-type: none"> <li>CLINICAL LEARNING: MODULE 1</li> <li>RESEARCH PROJECT: FINAL RESEARCH PROJECT AND CONCEPT PUBLISHABLE MANUSCRIPT / PUBLISHED ARTICLES PRESENTATION OF RESEARCH</li> <li>SPORTS INJURIES</li> <li>ORTHOPAEDICS</li> </ul> <p>CLINICAL LEARNING MODULES:</p> <ol style="list-style-type: none"> <li>CONTACT SESSIONS</li> <li>CASE STUDIES AND PRESENTATIONS</li> <li>CLINICAL SKILLS DEVELOPMENT</li> </ol> <p>MODULES DIRECTED SELF-STUDY FOLLOWED BY CONTACT SESSIONS</p>
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## Programme Planner: Dr L Holtzhausen

<p>ASSESSMENT:</p> <ol style="list-style-type: none"> <li>END 1<sup>ST</sup> AND 2<sup>ND</sup> YEAR OF STUDY: FORMAL WRITTEN AND/OR ORAL EXAMINATION</li> <li>CONTINUING ASSESSMENT THROUGHOUT <ul style="list-style-type: none"> <li>TESTS</li> <li>PATIENT PRESENTATIONS</li> <li>CLINICAL LOGBOOK</li> <li>ELECTIVE PERIODS</li> </ul> </li> <li>RESEARCH PROJECT AT END OF 3<sup>RD</sup> YEAR</li> </ol> <p>MAGISTER DEGREE</p> <p>LEARNING CREDITS: 200</p> <p>RESEARCH CREDITS: 100</p>	300 CREDITS
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100 CREDITS: MODULES: 40C, RESEARCH: METHODOLOGY & PROTOCOL: 40C (20 + 20), CLINICAL LEARNING: 20C				
1 <sup>ST</sup> YEAR	RESEARCH METHODOLOGY Code: MNAV7905	20C	BASIC MEDICAL SCIENCES Code: BMMS7905	20C
	RESEARCH PROJECT Code: MRPJ7900	20C	<ul style="list-style-type: none"> <li>APPLIED ANATOMY</li> <li>EXERCISE BIOCHEMISTRY</li> <li>INTRO TO BIOMECHANICS</li> </ul>	EXERCISE PHYSIOLOGY Code: MEXP7905 <ul style="list-style-type: none"> <li>MUSCLE</li> <li>CARDIOVASCULAR SYSTEM</li> <li>RESPIRATORY</li> </ul>
100 CREDITS: MODULES: 48C, RESEARCH: PROJECT: 40C, CLINICAL LEARNING: 12C				
2 <sup>ND</sup> YEAR	MODULES:			
	CARDIOPULMONARY SYSTEM Code: MCPS7902	8C	CLINICAL EXERCISE MEDICINE Code: MEXM7902	8C
3 <sup>RD</sup> YEAR	<ul style="list-style-type: none"> <li>CARDIOLOGY</li> <li>PULMONOLOGY</li> </ul>		<ul style="list-style-type: none"> <li>DERMATOLOGY</li> <li>ONCOLOGY</li> <li>OBS &amp; GYNAE</li> <li>NEUROLOGY</li> <li>RHEUMATOLOGY</li> <li>PAEDIATRICS</li> <li>ENDOCRINOLOGY</li> <li>GASTROENTEROLOGY</li> <li>NEPHROLOGY</li> </ul>	APPLIED SPORTS MEDICINE Code: MASM7903 <ul style="list-style-type: none"> <li>HAEMATOLOGY &amp; IMMUNOLOGY</li> <li>FLUID BALANCE</li> <li>SPORTS NUTRITION</li> <li>PHARMACOLOGY &amp; ERGOGENICS</li> <li>PRINCIPLES OF ORTHO REHAB</li> <li>PRINCIPLES OF EXERCISE PRESCRIPTION</li> </ul>
	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 <sup>RD</sup> YEAR	MODULES:			
	CLINICAL SPORTS MEDICINE Code: MCSM7903	12C	ORTHOPAEDIC SPORTS MEDICINE Code: MOSG7907	28C
3 <sup>RD</sup> YEAR	<ul style="list-style-type: none"> <li>INTRODUCTION</li> <li>PREVENTION</li> <li>RADIOLOGY</li> <li>PODIATRY</li> </ul>		<ul style="list-style-type: none"> <li>MUSCLE AND SOFT TISSUE INJURIES</li> <li>BONE AND BONE STRESS</li> <li>KNEE</li> <li>LOWER LEG</li> </ul>	<ul style="list-style-type: none"> <li>ANKLE AND FOOT</li> <li>HIP AND PELVIS</li> <li>SPINAL COLUMN</li> </ul>
	RESEARCH PROJECT Code: MRPJ7900	40C	WRITING OF RESEARCH PROJECT/ARTICLES ORAL ASSESSMENT	CLINICAL LEARNING Code: CLL705



**Rule MGH5                      RULES FOR THE DEGREE MASTER OF 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 Bachelor of Medicine and Bachelor of Surgery (MBChB), or their equivalents.
- 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**

MTMO8900	Dissertation	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 DOCTOR OF PHILOSOPHY**

The General Rules in respect of doctoral 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 PhD Degree may be obtained in any of the following disciplines in the Faculty of Health Sciences:

Anaesthesiology (MANS9100)	Medical Physics (MPRD9100)
Anatomical Pathology (MANP9100)	Medical Physiology (PHPH9100)
Anatomy and Cell Morphology (ANPH9100)	Neurology (MNER9100)
Biostatistics (MBST9100)	Neurosurgery (MNEU9100)
Cardiology (MKAR9100)	Nuclear Medicine (MKGN9100)
Cardiothoracic Surgery (MTTC9100)	Obstetrics and Gynaecology (MOBG9100)
Chemical Pathology (MCEP9100)	Ophthalmology (MOFT9100)
Clinical Radiobiology (MRBO9100)	Orthopaedic Surgery (MORT9100)
Community Health (MVKG9100)	Otorhinolaryngology (MOTO9100)
Critical Care (MKRS9100)	Paediatrics (MPED9100)
Dermatology (MDER9100)	Pharmacology (Analytical/Clinical) (MFRM9100)
Diagnostic Radiology (MDIR9100)	Plastic Surgery (MPUP9100)
Family Medicine (MHAK9100)	Psychiatry (MPSG9100)
Forensic Medicine (MGGN9100)	Radiographic Sciences (MKGW9100/MDIR9100)
Haematology and Cell Biology (MHEM9100)	Radiation Oncology (MOKT9100)
Human Molecular Biology (MMBG9100)	Surgery (MCHR9100)
Internal Medicine (MING9100)	Urology (MURL9100)
Medical Microbiology/Virology (MMKM9100/MVIR9100)	

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 OF MEDICINE****Rule MGH7.1 Admission requirements**

A student must comply with both the stipulations of the General Rules for doctoral 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 (MMNS9100)	Medical Physics (MPMD9100)
Anatomical Pathology (MMNP9100)	Medical Physiology (PHPD9100)
Anatomy and Cell Morphology (ANPD9100)	Neurology (MMER9100)
Biostatistics (MMTS9100)	Neurosurgery (MMEU9100)
Cardiology (MTTC9100)	Nuclear Medicine (MMKN9100)
Cardiothoracic Surgery (MKTC9100)	Obstetrics and Gynaecology (MMOG9100)
Chemical Pathology (MMEP9100)	Ophthalmology (MMFT9100)
Clinical Radiobiology (MMBO9100)	Orthopaedic Surgery (MMRT9100)
Community Health (MMKG9100)	Otorhinolaryngology (MMTO9100)
Critical Care (MMRS9100)	Paediatrics (MMED9100)
Dermatology (MMDE9100)	Pharmacology (Analytical/Clinical) (MMRM9100)
Diagnostic Radiology (MMIR9100)	Plastic Surgery (MMUP9100)
Family Medicine (MMHA9100)	Psychiatry (MMSG9100)
Forensic Medicine (MMGN9100)	Radiographic Sciences (MMGW9100/MMIR9100)
Haematology and Cell Biology (MMEM9100)	Radiation Oncology (MMKT9100)
Human Molecular Biology (MMMB9100)	Surgery (MMHR9100)
Internal Medicine (MMNG9100)	Urology (MMRL9100)
Medical Microbiology/Virology (MMM9100/MMVI9100)	

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

Elucidation:

- 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.
- 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.

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**DOCTOR OF MEDICAL SCIENCE**  
**DMedSc**

**360 Credits**  
**Study code 8940**

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**Rule MGH8**

**RULES FOR THE DEGREE DOCTOR OF MEDICAL SCIENCE**

The degree DMedSc may be conferred on a person in possession of a doctoral 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 FCP (SA)

**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:	MAEA5800	Advanced Endocrinology	120 credits
Year 2:	MAEB5800	Advanced Endocrinology	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 MGH9.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Endocrinology).
- (ii) A student passes with distinction 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 FCP (SA)

**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:	MAVA5800	Advanced Gastroenterology	120 credits
Year 2:	MAVB5800	Advanced Gastroenterology	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 MGH10.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Gastroenterology).
- (ii) A student passes with distinction 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 FCP (SA)

**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:	MGMA5800	Advanced Geriatric Medicine	120 credits
Year 2:	MGMB5800	Advanced Geriatric Medicine	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 MGH11.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Geriatric Medicine).
- (ii) A student passes with distinction 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 FCP (SA)

**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 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 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:	MANA5800	Advanced Nephrology	120 credits
Year 2:	MANB5800	Advanced Nephrology	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 MGH12.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Nephrology).
- (ii) A student passes with distinction 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 FCP (SA)

**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 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 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:	MAPA5800	Advanced Pulmonology	120 credits
Year 2:	MAPB5800	Advanced Pulmonology	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 MGH13.3(iv). This examination will be recognised by the UFS as the final examination for the PGDip (Pulmonology).
- (ii) A student passes with distinction 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 a MMed (Internal Medicine) or equivalent qualification.
- Must be registered with the HPCSA as a Haematological Pathologist and hold a 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:

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

Elucidation:

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

**Rule MGH14.4            Curriculum**

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

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

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

- (a) 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 Postgraduate 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 Postgraduate 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.

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

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#### **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 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.

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<b>POSTGRADUATE DIPLOMA IN MEDICAL PHYSICS</b>	<b>256 Credits</b>
<b>PGDip (Medical Physics)</b>	<b>Study code 8213</b>

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**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 Postgraduate 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 Postgraduate Diploma is awarded with distinction if:

- (i) A total weighted average mark of 75% is obtained.
- (ii) The Postgraduate 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.

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<b>POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY</b>	<b>128 Credits</b>
<b>PGDip (Clinical Pharmacology)</b>	<b>Study code 8212</b>

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

MChB 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:	MACA5810	Advanced Clinical Pharmacology	64 credits
Semester 2:	MACB5820	Advanced Clinical Pharmacology	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 where 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	30%
<b>Total mark:</b>	<b>100%</b>

**Rule MGH17.5      Pass requirements**

See General Rules of the University of the Free State.

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<b>POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE</b>	<b>120 Credits</b>
<b>PGDip (Transfusion Medicine)</b>	<b>Study code 8223</b>

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**Rule MGH18      RULES FOR THE POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE**

**Rule MGH18.1      Admission requirements**

Before a student may register for the Postgraduate Diploma, he/she must be in possession of a Bachelor of Medicine and Bachelor of Surgery (MBChB), 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 subjected 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**

MTMO5804	Organisation and Management of a Transfusion Service	16 credits
MTMP5804	Principles of Blood Banking and Fractionation of Blood	16 credits
MTMA5804	Administering Blood Products	16 credits

### **Part II**

MTMC5809	Clinical Application of Blood Products	36 credits
MTMT5805	Complications of Transfusion	20 credits
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 a weighted 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. Students may be admitted to an additional examination in accordance with stipulations of the General Rules. Further supplementary assessments may be allowed on approval by the Dean and on the recommendation of the Head of Department.

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

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## **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 or equivalent qualification.
- Be admitted to the status of the three-year BRad degree on the recommendation of the Faculty of Health Sciences.
- Be appointed as diagnostic radiographer at an accredited training hospital that has the appropriate facility at its disposal.

(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.

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<b>POSTGRADUATE DIPLOMA IN OCCUPATIONAL HEALTH</b>	<b>240 Credits</b>
<b>PGDip (Occupational Health)</b>	<b>Study code 8220</b>

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**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 Bachelor of Medicine and Bachelor of Surgery (MBChB) 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**

MDBA5800	Occupational Health Administration Part I	40 credits
MDBB5800	Clinical Occupational Health and Toxicology Part I	40 credits
MDBC5800	Occupational Epidemiology and Biostatistics Part I	40 credits

##### **Part II**

MDBD5800	Occupational Health Administration Part II	40 credits
MDBE5800	Clinical Occupational Health and Toxicology Part II	40 credits
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 a weighted average of 75% or higher.

#### **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 an 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 Postgraduate Diploma, he/she must have been in possession of a professional qualification at Bachelor's 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**

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

**Part II**

MGGD5801	Epidemiology and Medical Statistics (assessment course)	4 credits
MGGE5807	Health Administration including Basic Financial Management, Accounting and Business Economics (assessment course)	28 credits
MGGF5805	Health Legislation (assessment course)	20 credits
MGGG5806	Comprehensive Health Care (assessment course)	24 credits
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 subject 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 a weighted average of 75% or more.

**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 an 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/Higher Education 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 qualification's total credits.
- (b) The student must be registered for the new diploma for at least one academic year.

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<b>POSTGRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT</b>	<b>240 Credits</b>
<b>PGDip (Health Services Management)</b>	<b>Study code 8240</b>

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**Rule MGH22      RULES FOR THE POSTGRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT**

**Rule MGH22.1      Admission requirements**

Before a student may register for the Postgraduate Diploma, he/she must have been in possession of a professional qualification at Bachelor's 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 is offered part-time only.

**Rule MGH22.3      Curriculum**

**Part I**

MHSA5800	Concepts in Health Care	40 credits
MHSB5800	Principles of Management	40 credits
MHSC5800	Health Care Planning	40 credits
MHSD5800	Epidemiology and Statistics	40 credits

**Part II**

MHSE5800	Health Programme and Specialised Services	40 credits
MHSF5800	Human Resources Management	40 credits
MHSG5800	Management of Resources	40 credits
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 subject to the attendance of contact sessions. A research report/project must also be completed as part of the assessment process. A student passes with distinction if he/she obtains a weighted average of 75% or more.

**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 an 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/Higher Education 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.

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## **MASTER OF PHILOSOPHY QUALIFICATIONS (subspecialist training)** ***The 2016-intake is subject to the external approval of these programmes***

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### **Rule MGH23.1      General**

Admission to the MPhil degree programme is determined in accordance with the General Rules for Postgraduate Qualifications and the Rules of the Faculty of Health Sciences.

Students will be admitted to the programme if they are either in possession of a MMed degree, or a Fellow with the Colleges of Medicine of South Africa or have an equivalent qualification. In addition, applicants must be registered with the Health Professions Council of South Africa (HPCSA) as a specialist.

Students must be appointment in an approved post or an honorary appointment at an approved academic hospital and the post must be registered as an allocated training post with the HPCSA for the particular discipline. Students must adhere to the additional discipline-specific requirements of the academic structures concerned, as well as the specific requirements of the particular Colleges of Medicine concerned.

The Master of Philosophy is a master's degree by coursework and mini-dissertation: A coursework programme requiring a high level of theoretical engagement and intellectual independence, and in some cases demonstration of the ability to relate knowledge to a range of contexts for professional practice. The qualification equals 300 credits and the minimum duration of study is two years. Candidates are required to complete a mandatory research project (60 credits), accompanied by a mini-dissertation providing evidence that the student has obtained knowledge and competencies required at NQF Exit Level 9.

Students are selected according to specific selection criteria. Posts must be available and must be approved by the HPCSA. Students that apply must also avail themselves to the required training platforms and have the required clinical experience.

### **Rule MGH23.2      Assessment**

- (i) Students may write for the assessments in the first semester or second semester.
- (ii) Students must notify the office of the Assistant Director: Faculty Administration annually in writing before 15 February for the first semester, or 15 June for the second semester, of their intention to participate in the assessment.

- (iii) The assessment will comprise written and oral examinations, as well as clinical cases and practical examinations and specific requirements by the Colleges of Medicine of South Africa.
- (iv) The MPhil sub-speciality qualifications in the various sub-specialities of the Colleges of Medicine of South Africa are recognised as equivalent for the successful completion of non-research modules of the MPhil qualification should the candidate opt to write only this examination.
- (v) The HPCSA appoints the examining body (currently the College of Medicine of South Africa) to conduct exams.

### **Rule MGH23.3      Pass with distinction**

A student passes with distinction if an assessment mark based on a weighted average of 75% is obtained.

### **Rule MGH23.4      Reassessment**

A student may not be reassessed before at least six months have elapsed since the assessment he/she had failed or/as specified and approved by the Head of Department concerned.

### **Rule MGH23.5      Extension**

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

### **Rule MGH23.6      Awarding of the Degree**

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

<b>MASTER OF PHILOSOPHY IN ENDOCRINOLOGY</b>	<b>300 Credits</b>
<b>MPhil (Endocrinology)</b>	<b>Study code XXXX</b>

## **Rule MGH24      RULES FOR THE MASTER OF PHILOSOPHY IN ENDOCRINOLOGY**

### **Rule MGH24.1      Admission requirements**

MMed (Internal Medicine) or FCP (SA) (Fellow of the College of Physicians of South Africa)

### **Rule MGH24.2      Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

### **Rule MGH24.3      Clinical experience**

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

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.

- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook.
- (iii) Gained appropriate experience in research, the results of which have to be prepared for publication/dissertation.
- (iv) Had been registered as a student with the University for the prescribed period.
- (v) Successfully passed the assessment as prescribed by the University.

#### **Rule MGH24.4 Curriculum**

MAEA7900	Advanced Endocrinology 1	Year 1	120 credits
MAEB7900	Advanced Endocrinology 2	Year 2	120 credits
MAED7900	Endocrinology Mini-dissertation	Year 1 and 2	60 credits

#### **Rule MGH24.5 Assessment**

- (i) The sub-speciality certificate in Endocrinology and Metabolism of the College of Physicians of South Africa is the only acceptable exit exam. On obtaining the certificate the candidate will receive the degree.

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<b>MASTER OF PHILOSOPHY IN GASTROENTEROLOGY</b>	<b>300 Credits</b>
<b>MPhil (Gastroenterology)</b>	<b>Study code XXXX</b>

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#### **Rule MGH25 RULES FOR THE MASTER OF PHILOSOPHY IN GASTROENTEROLOGY**

##### **Rule MGH25.1 Admission requirements**

MMed (Internal Medicine) or FCP (SA) (Fellow of the College of Physicians of South Africa)

##### **Rule MGH25.2 Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

##### **Rule MGH25.3 Clinical experience**

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

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook. In addition a logbook recording all procedures performed is mandatory.
- (iii) Gained appropriate experience in research, the results of which have to be prepared for publication/dissertation.
- (iv) Had been registered as a student with the University for the prescribed period.
- (v) Successfully passed the assessment as prescribed by the University.

##### **Rule MGH25.4 Curriculum**

The principles and practice of Clinical Gastroenterology are dealt with.

MAGA7900	Advanced Gastroenterology 1	Year 1	120 credits
MAGB7900	Advanced Gastroenterology 2	Year 2	120 credits
MAGD7900	Gastroenterology Mini-dissertation	Year 1 and 2	60 credits

#### **Rule MGH25.5      Assessment**

- (i) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (ii) A student passes with distinction if an assessment mark based on a weighted average of 75% is obtained (75% Advanced Gastroenterology, 25% Mini-dissertation).

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<b>MASTER OF PHILOSOPHY IN GERIATRIC MEDICINE</b>	<b>300 Credits</b>
<b>MPhil (Geriatric Medicine)</b>	<b>Study code XXXX</b>

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#### **Rule MGH26      RULES FOR THE MASTER OF PHILOSOPHY IN GERIATRIC MEDICINE**

##### **Rule MGH26.1      Admission requirements**

MMed (Internal Medicine) or FCP (SA) (Fellow of the College of Physicians of South Africa)

##### **Rule MGH26.2      Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

##### **Rule MGH26.3      Clinical experience**

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

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

##### **Rule MGH26.4      Curriculum**

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

MAGM7900	Advanced Geriatric Medicine 1	Year 1	120 credits
MAGM7900	Advanced Geriatric Medicine 2	Year 2	120 credits
MAGM7900	Geriatric Medicine Mini-dissertation	Year 1 and 2	60 credits

##### **Rule MGH26.5      Assessment**

- (i) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.

- (ii) A student passes with distinction if an assessment mark based on a weighted average of at least 75% is obtained (75% Advanced Geriatric Medicine, 25% Mini-dissertation).

<b>MASTER OF PHILOSOPHY IN NEPHROLOGY</b>	<b>300 Credits</b>
<b>MPhil (Nephrology)</b>	<b>Study code XXXX</b>

## **Rule MGH27          RULES FOR THE MASTER OF PHILOSOPHY IN NEPHROLOGY**

### **Rule MGH27.1          Admission requirements**

MMed (Internal Medicine) or FCP (SA) (Fellow of the College of Physicians of South Africa)

### **Rule MGH27.2          Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

### **Rule MGH27.3          Clinical experience**

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

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

### **Rule MGH27.4          Curriculum**

The principles and practice of Clinical Nephrology are dealt with.

MANA7900	Advanced Nephrology 1	Year 1	120 credits
MANB7900	Advanced Nephrology 2	Year 2	120 credits
MAND7900	Nephrology Mini-dissertation	Year 1 and 2	60 credits

### **Rule MGH27.5          Assessment**

- (i) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (ii) A student passes with distinction if an assessment mark based on a weighted average of at least 75% is obtained (75% Advanced Nephrology, 25% Mini-dissertation).

**Rule MGH28            RULES FOR THE MASTER OF PHILOSOPHY IN PULMONOLOGY****Rule MGH28.1        Admission requirements**

MMed (Internal Medicine) or FCP (SA) (Fellow of the College of Physicians of South Africa)

**Rule MGH28.2        Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

**Rule MGH28.3        Clinical experience**

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

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

**Rule MGH28.4        Curriculum**

The principles and practice of Clinical Pulmonology are dealt with.

MAPA7900	Advanced Pulmonology 1	Year 1	120 credits
MAPC7900	Advanced Pulmonology 2	Year 2	120 credits
MAPD7900	Pulmonology Mini-dissertation	Year 1 and 2	60 credits

**Rule MGH28.5        Assessment**

- (i) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (ii) A student passes with distinction if an assessment mark based on a weighted average of at least 75% is obtained (75% Advanced Pulmonology, 25% Mini-dissertation).

**Rule MGH29            RULES FOR THE MASTER OF PHILOSOPHY IN CLINICAL HAEMATOLOGY****Rule MGH29.1        Admission requirements**



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

- (a) Be registered as Paediatrician with the Health Professions Council of South Africa (HPCSA): MMed (Paediatrics), or an equivalent qualification.
- (b) Be registered with the HPCSA as Physician: MMed (Internal Medicine), or an equivalent qualification.
- (c) Be registered with the HPCSA as Haematological pathologist: MMed (Haematology), or an equivalent qualification.

#### **Rule MGH29.2      Duration of programme**

Two years full-time in a hospital post or honorary appointment and registered with the HPCSA and the University of the Free State.

#### **Rule MGH29.3      Clinical experience**

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

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

#### **Rule MGH29.4      Curriculum**

The principles and practice of Clinical Haematology are dealt with. Students who are qualified as paediatricians will concentrate on paediatric haematological conditions and those who are qualified as physicians on adult haematological conditions. Students who are qualified as haematological pathologists may elect to concentrate on adult or paediatric clinical haematology. All aspects of clinical and laboratory haematology are covered.

MCHA7900	Advanced Clinical Haematology 1	Year 1	120 credits
MCHB7900	Advanced Clinical Haematology 2	Year 2	120 credits
MCHD7900	Clinical Haematology Mini-dissertation	Year 1 and 2	60 credits

#### **Rule MGH29.5      Assessment**

- (i) Students may sit for the assessment in June or November.
- (ii) Students must notify the office of the Deputy Director: Faculty Administration annually in writing before 1 April or 1 August of their intention to participate in the June or November assessment.
- (iii) The assessment will comprise written, practical, clinical and oral assessments as recorded in a critical portfolio.
- iv) The HPCSA has instituted a unitary exit examination for postgraduate professional examinations. These HPCSA examinations are currently being administered by the Colleges of Medicine of South Africa. Currently the sub-speciality qualifications in Clinical Haematology of the College of Physicians of South Africa, or of the College of Pathologists of South Africa are recognised as being equivalent to the successful completion of the Advanced Haematology modules (240 credits).

**Rule MGH29.6      Pass with distinction**

A student passes with distinction if an assessment mark based on a weighted average of 75% is obtained.

**Rule MGH29.7      Reassessment**

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

**Rule MGH29.8      Extension**

A student who did not pass the qualification assessment at the end of the study period will have to apply to the head of the department, the School of Medicine and the Department of Health or NHLS to be allowed to retain his/her position as senior registrar for an additional period of six months or as the Head of Department may determine.

**Rule MGH29.9      Awarding of the graad**

The degree is awarded once the student has successfully completed the assessment and completed the training period.

**Elucidation:**

The departments concerned compile their syllabi in such a way that the qualification 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.

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<b>MASTER OF PHILOSOPHY IN ADVANCED CLINICAL IMAGING</b>	<b>300 Credits</b>
<b>MPhil (Advanced Clinical Imaging)</b>	<b>Study code XXXX</b>

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**Rule MGH30      RULES FOR THE MASTER OF PHILOSOPHY IN ADVANCED CLINICAL IMAGING**

A student must comply with the General Rules of the University of the Free State for postgraduate qualifications as well as the Rules of the Faculty of Health Sciences.

**Rule MGH30.1      Admission requirements**

Before a student may enrol for an MPhil in Advanced Clinical Imaging, he/she must:

- (a) Be in possession of the qualification 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.

### **Rule MGH30.2      Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

### **Rule MGH30.3      Curriculum**

The principles and practice of Advanced Clinical Imaging are dealt with.

MIBP7900	Basic Principles in Interventional Radiology (IR)	Year 1	40 credits
MICP7900	Basic IR Clinical Practice	Year 1	40 credits
MIAA7900	Advanced IR Practice 1	Year 2	80 credits
MIAB7900	Advanced IR Practice 2	Year 2	80 credits
MIRD7900	Clinical Imaging Mini-dissertation	Year 1 and 2	60 credits

### **Rule MGH30.4      Assessment**

- (i) The examination comprises one 3-hour written examinations per semester, an OSCA as well as an oral session averaging 15 – 30 minutes in the 4<sup>th</sup> semester.
- (ii) Logbook evidence for Clinical Imaging Practice
- (iii) Candidates are requested to submit a research project at least 6 months before the final examination is written. The research report must be passed individually in order to obtain the qualification. (cf. Section 9 – post graduate policies, procedures and rules). The MPhil exit level exam is currently written at the University of the Free State, but an equivalent exam may be written at the European Board of Interventional Radiology (EBIR) or at the College of Radiologists in South Africa if approval by the Head of the Department.

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<b>MASTER OF PHILOSOPHY IN PAEDIATRIC CARDIOLOGY</b>	<b>300 Credits</b>
<b>MPhil (Paediatric Cardiology)</b>	<b>Study code XXXX</b>

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### **Rule MGH31      RULES FOR THE MASTER OF PHILOSOPHY IN PAEDIATRIC CARDIOLOGY**

#### **Rule MGH31.1      Admission requirements**

- a) MMed (Paediatrics) or FC Paed (SA) (Fellow of the College of Paediatricians of South Africa) or equivalent qualification
- b) Be registered as a paediatrician with the Health Professions Council of South Africa (HPCSA)

#### **Rule MGH31.2      Duration of programme**

Three years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

### **RULE MGH31.3 Clinical experience**

Before the MPhil (Paediatric Cardiology) can be conferred on a student, he/she must convince the University that he/she:

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

### **Rule MGH31.4 Curriculum**

The principles and practice of Paediatric Cardiology are dealt with.

MPCE7900	Advanced Paediatric Cardiology Echocardiography	Year 1	60 credits
MPCA7900	Advanced Paediatric Cardiology Anatomy	Year 1	60 credits
MPCP7900	Advanced Paediatric Cardiology Physiology	Year 1-2	60 credits
MPCH7900	Advanced Paediatric Cardiology Health Care Practice	Year 2,3	60 credits
MPCD7900	Paediatric Cardiology Mini-dissertation	Year 1,2 and 3	60 credits

### **Rule MGH31.5 Assessment**

- (i) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (ii) A student passes with distinction if an assessment mark based on a weighted average of at least 75% is obtained (75% Advanced Paediatric Cardiology, 25% Mini-dissertation).

Summative Assessment is done by the examination body appointed by the HPCSA and students have to complete an exit examination consisting of:

- a) A written component
- b) An oral/OSCA/clinical examination.

Each of the two components contributes 50% to the overall mark. The pass mark for the overall exam is 50%. A sub-minimum pass mark of 50% is expected for each of the two (written and the oral/OSCA/clinical) components of the examination.

There is no sub-minimum for individual papers, questions or sub-sections of the OSCA/oral/clinical examination.

**Rule MGH32                    RULES FOR THE MASTER OF PHILOSOPHY IN PAEDIATRIC ONCOLOGY****Rule MGH32.1                Admission requirements**

MMed (Paediatrics) or (Oncology) or FC Paed (SA) (Fellow of the College of Paediatricians of South Africa) or equivalent qualification.

**Rule MGH32.2                Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

**Rule MGH32.3                Clinical experience**

Before the MPhil (Paediatric Oncology) can be conferred on a student, he/she must convince the University that he/she:

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

**Rule MGH32.4                Curriculum**

The principles and practice of Paediatric Oncology are dealt with.

MPOA7900	Advanced Paediatric Oncology 1	Year 1	120 credits
MPOB7900	Advanced Paediatric Oncology 2	Year 2	120 credits
MPOD7900	Paediatric Oncology Mini-dissertation	Year 1 and 2	60 credits

**Rule MGH32.5                Assessment**

- (i) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (ii) A student passes with distinction if an assessment mark based on a weighted average of at least 75% is obtained (75% Advanced Paediatric Oncology, 25% Mini-dissertation)
- (iii) The examination has two components:
  - a) A written component
  - b) An OSCA component.

Each of the two components contributes 50% to the overall mark

The pass mark for the overall exam is 50%.

A sub-minimum pass mark of 50% is expected for each of the two (written and the oral/OSCA/clinical) components of the examination.

There is no sub-minimum for individual papers, questions or sub-sections of the OSCA/oral/clinical examination.

#### **Rule MGH32.6 EXAMINATION**

Qualification examinations will comprise of two three-hour written papers.

- Paper I will consist of 4 long questions or scenarios (may contain sub-parts), worth 25 marks each.
- Paper II will consist of 10 short questions, worth 10 marks.
- The language of written papers will follow College recommendations.

#### **Rule MGH32.7 CLINICAL/ORAL/OSCA EXAMINATIONS**

- This examination will last NO LONGER THAN 3 hours.
- The candidate must be given a 15-minute break with refreshments.
- This examination will consist of 4 clinical scenarios – the results of relevant special investigations will be provided for discussion.
- The language of the oral/OSCA/clinical examinations will follow College recommendations.

#### **Rule MGH32.8 TIMING OF ORAL/OSCA/CLINICAL EXAMINATIONS**

The examination will be held in the same week as the FCPaed(SA) Part II clinical examination.

Exceptions should be by written motivation to the College.

**Research: (Mini-dissertation).** Mini-dissertation (60 credits) must be passed and must be peer-reviewed and of publishable quality.

Summative Assessment is done by the examination body appointed by the HPCSA and students have to complete an exit examination consisting of:

- a) A written component
- b) An oral/OSCA/OSPE/clinical component.

Each of the two components contributes 50% to the overall mark. The pass mark for the overall exam is 50%. A sub-minimum pass mark of 50% is expected for each of the two (written and the oral/OSCA/OSPE/clinical) components of the examination.

There is no sub-minimum for individual papers, questions or sub-sections of the oral/OSCA/OSPE/clinical examination.

## **Rule MGH33                    RULES FOR THE MASTER OF PHILOSOPHY IN GASTROENTEROLOGY SURGERY**

### **Rule MGH33.1            Admission requirements**

MMed (Surgery) or FCS (SA) (Fellow of the College of Surgeons in South Africa) or equivalent qualification.

### **Rule MGH33.2            Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

### **Rule MGH33.3            Clinical experience**

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

- (i) Held a position in an appropriate training post at the Faculty of Health Sciences at the University of the Free State.
- (ii) The student should declare an area of clinical focus within the subspeciality at the time of application. This might be hepato-pancreatico-biliary or colorectal or both.
- (iii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook.
- (iv) Gained appropriate experience in research, the results of which have to be prepared for publication/mini-dissertation.
- (v) Had been registered as a student with the University of the Free State for the prescribed period.

### **Rule MGH33.4            Curriculum**

MGSA7900	Advanced Gastroenterology Surgery 1	Year 1	120 credits
MGSB7900	Advanced Gastroenterology Surgery 2	Year 2	120 credits
MGSD7900	Gastroenterology Surgery Mini-dissertation	Year 1 and 2	60 credits

### **Rule MGH33.5            Assessment**

- (i) The assessment will comprise a formative evaluation and mini-dissertation (30%) as well as the exit examination (70%). The exit examination comprises a written paper, clinical cases and an oral evaluation.
- (ii) A subminimum of 50% must be obtained for the formative evaluation, mini-dissertation as well as the exit examination.
- (iii) A student passes with distinction if a final assessment mark based on a weighted average of at least 75% is obtained.

**Rule MGH34                    RULES FOR THE MASTER OF PHILOSOPHY IN TRAUMA SURGERY****Rule MGH34.1                Admission requirements**

MMed (Surgery) or FCS (SA) (Fellow of the College of Surgeons in South Africa) or equivalent qualification

**Rule MGH34.2                Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

**Rule MGH34.3                Clinical experience**

Before the MPhil (Trauma Surgery) can be conferred on a student, he/she must convince the University that he/she:

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

**Rule MGH34.4                Curriculum**

The principles and practice of Trauma Surgery

MTSA7900	Advanced Trauma Surgery 1	Year 1	120 credits
MTSB7900	Advanced Trauma Surgery 2	Year 2	120 credits
MTSD7900	Trauma Surgery Mini-dissertation	Year 1 and 2	60 credits

**Rule MGH34.5                Assessment**

- (i) The assessment will comprise a formative evaluation and mini-dissertation (30%) as well as the exit examination (70%). The exit examination comprises a multiple choice questionnaire and an oral evaluation.
- (ii) A subminimum of 50% must be obtained for the formative evaluation, mini-dissertation as well as the exit examination.
- (iii) A student passes with distinction if a final assessment mark based on a weighted average of at least 75% is obtained.



**Rule MGH35                    RULES FOR THE MASTER OF PHILOSOPHY IN VASCULAR SURGERY****Rule MGH35.1                Admission requirements**

MMed (Surgery) or FCS (SA) (College Fellowship) or equivalent qualification

**Rule MGH35.2                Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

**Rule MGH35.3                Clinical experience**

Before the MPhil (Vascular Surgery) can be conferred on a student, he/she must convince the University that he/she:

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

**Rule MGH35.4                Curriculum**

The principles and practice of Vascular Surgery are dealt with.

MVSA7900	Advanced Vascular Surgery 1	Year 1	120 credits
MVSB7900	Advanced Vascular Surgery 2	Year 2	120 credits
MVSD7900	Vascular Surgery Mini-dissertation	Year 1 and 2	60 credits

**Rule MGH35.5                Assessment**

- (i) The assessment will comprise a formative evaluation and mini-dissertation (30%) as well as the exit examination (70%). The exit examination comprises a multiple choice questionnaire and oral evaluation.
- (ii) A subminimum of 50% must be obtained for the formative evaluation, mini-dissertation as well as the exit examination.
- (iii) A student passes with distinction if a final assessment mark based on a weighted average of at least 75% is obtained.

**Rule MGH36                    RULES FOR THE MASTER OF PHILOSOPHY IN CRITICAL CARE**

**Rule MGH36.1                Admission requirements**

MMed (in any clinical field) or FCS (SA) (Fellow of the College of Physicians in South Africa) or equivalent qualification

**Rule MGH36.2                Duration of programme**

Two years full-time in a hospital post and registered with the HPCSA and the University of the Free State.

**Rule MGH36.3                Clinical experience**

Before the MPhil (Critical Care) can be conferred on a student, he/she must convince the University that he/she:

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

**Rule MGH36.4                Curriculum**

The principles and practice of Clinical Endocrinology are dealt with.

MCCA7900	Advanced Critical Care 1	Year 1	120 credits
MCCB7900	Advanced Critical Care 2	Year 2	120 credits
MCCD7900	Critical Care Mini-dissertation	Year 1 and 2	60 credits

**Rule MGH36.5                Assessment**

- (i) A subminimum of 50% must be obtained for the theory, and the practical component of the assessment must be passed before the student passes.
- (ii) A student passes with distinction if an assessment mark based on a weighted average of at least 75% is obtained.

Summative Assessment is done by the examination body appointed by the HPCSA and students have to complete an exit examination consisting of:

Exit examination: 1 written paper, a paper OSCA and an oral.

The examinations will include all pertinent aspects of applied anatomy, physiology, haemodynamics, pathology, ultrasonography and non-invasive diagnosis, critical care radiology, and any aspects of Critical Care Medicine that might be encountered in the day-to-

day practice of Critical Care. A curriculum is appended for guidance of both candidates and examiners.

The CMSA will conduct these examinations, with the individual examiners being appointed on the recommendation of the Critical Care Society of Southern Africa.

Upon successful completion of all aspects of the above, the candidates will be required to apply to the HPCSA specialist committee for registration of their subspecialty.

Completion of the above will normally result in the application being supported by the Critical Care Society of Southern Africa.

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<b>MASTER OF PHILOSOPHY IN NEONATOLOGY</b>	<b>300 Credits</b>
<b>MPhil (Neonatology)</b>	<b>Study code XXXX</b>

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**Rule MGH37                      RULES FOR THE MASTER OF PHILOSOPHY IN NEONATOLOGY**

**Rule MGH37.1                  Admission requirements**

MMed (Paediatrics) or FC Paed (SA) (Fellow of the College of Paediatricians of South Africa) or equivalent qualification

**Rule MGH37.2                  Duration of programme**

Two years full-time.

**Rule MGH37.3                  Clinical Experience**

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

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

A student may apply to be awarded the MPhil (Neonatology) degree and be exempted from the examination if he/she has passed the exit examination of the subspecialty Certificate in Neonatology of the Colleges of Medicine of South Africa.

**Rule MGH37.4                  Curriculum**

The principles and practice of Advanced Neonatology are dealt with.

MPNA7900	Advanced Paediatric Neonatology 1	Year 1	120 credits
MPNB7900	Advanced Paediatric Neonatology 2	Year 2	120 credits
MPND7900	Paediatric Neonatology Mini-dissertation	Year 1 and 2	60 credits

## **Rule MGH37.5      Assessment**

- (i) Students may enrol for the exit examination in either the first or second semester.
- (ii) The assessment will comprise a theoretical, an oral/OSCA/OSPE/clinical and research component.
- (iii) For a student to pass a sub-minimum of 50% must be obtained for each of the components i.e. the theoretical component, oral/OSCA/OSPE/clinical component and research component (mini-dissertation).
- (iv) A student passes with distinction if an assessment mark based on a weighted average of at least 75% is obtained.

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### MASTER OF SOCIAL SCIENCE IN NURSING

MSocSci (Nursing) Dissertation

200 Credits/Study code 2720

MSocSci (Nursing) Structured (In abeyance)

248 Credits/Study code 2721

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### INTRODUCTION

The MSocSci Degree in Nursing can be obtained by either a dissertation or by course work and a mini-dissertation.

***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) An NQF Level 8 qualification is required; either a professional Bachelor's Degree in Nursing or a Postgraduate Diploma in Nursing. Candidates must furnish proof of at least three registrations with the South African Nursing Council (SANC). It is the responsibility of the international students to provide SAQA proof of the NQF level equivalence of their qualifications as registered with SAQA.
- (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 postgraduate 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 recognised 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 MSocSci (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 (NVRT7905) is a prerequisite for NVRT8900.
- (iii) Students have to register for NVRT7905 and pass for the first time with at least 60% before they may continue with NVRT8900.

**TABLE 1:          Learning programme for Master of Social Science in Nursing (Dissertation) (200 credits)**

<b>MODULES</b>	<b>Module</b>	<b>Credits</b>
Research Methodology in Nursing	NVRT7905	20
Dissertation in Nursing	NVRT8900	180

OR

- (B) (i) Completion of the required learning content for the MSocSci (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 Master of Social Science in Nursing (Structured) (248 credits)**

<b>FUNDAMENTAL MODULES</b>	<b>Module</b>	<b>Credits</b>
Research methodology in Nursing (compulsory)	NVRT7905	20
Nursing dynamics (compulsory)	VRT711	8
<b>ELECTIVE MODULES</b>	<b>Module</b>	<b>Credits</b>
Mini-dissertation in Nursing	NRES7908	32
OR		
Four essays on Nursing research (phasing out)	ESS792	32

### **CORE MODULES**

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

<b>Critical care nursing</b>	<b>Module</b>	<b>Credits</b>
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

<b>Community health nursing</b>	<b>Module</b>	<b>Credits</b>
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

<b>Midwifery and neonatology</b>	<b>Module</b>	<b>Credits</b>
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

<b>Psychiatric nursing</b>	<b>Module</b>	<b>Credits</b>
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

<b>Paediatric nursing</b>	<b>Module</b>	<b>Credits</b>
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

<b>Orthopaedic nursing</b>	<b>Module</b>	<b>Credits</b>
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

<b>Gerontological nursing</b>	<b>Module</b>	<b>Credits</b>
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

<b>Child psychiatric nursing</b>	<b>Module</b>	<b>Credits</b>
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

<b>Primary clinical healthcare nursing</b>	<b>Module</b>	<b>Credits</b>
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          Assessment**

### **OPTION A**

To pass the dissertation the requirements as stipulated in General Rule A83.4 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 Rules A84

### **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**

<b>MODULES AND EXAMINATION PAPERS</b>	<b>Units</b>	<b>Credits</b>
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

<b>MODULES AND EXAMINATION PAPERS</b>	<b>Units</b>	<b>Credits</b>
Gerontological nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Gerontological services in SA and elsewhere (4)</li> <li>2. Rehabilitation and home care, nutrition (8)</li> <li>3. Aetiology of geriatric disorders, diagnostic and treatment methods (12)</li> </ol>	24
Gerontological nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Research modalities in Gerontological nursing</li> </ol>	20
Psychiatric Nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Psychiatric disorders according to an acknowledged international classification system (12)</li> <li>2. Pharmacotherapeutic principles (4)</li> <li>3. Counseling and crisis (4)</li> <li>4. Individual psychotherapy (4)</li> </ol>	24
Psychiatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Therapeutic approaches to groups (4)</li> <li>2. Family therapy (8)</li> <li>3. Community psychiatry and consultation (4)</li> <li>4. Child psychiatric nursing (8)</li> </ol>	24
Psychiatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Research modalities in psychiatric nursing</li> </ol>	20
Advanced midwifery and neonatal nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Reproductive healthcare (8)</li> <li>2. Normal pregnancy, labour, puerperium and the neonate (16)</li> </ol>	24
Advanced midwifery and neonatal nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. High risk midwifery (20)</li> <li>2. Advanced midwifery and neonatology (4)</li> </ol>	24
Advanced Midwifery and Neonatal Nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Research modalities in Advanced Midwifery and Neonatal</li> </ol>	20
Child psychiatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. General psychiatric disorders applicable to children (8)</li> <li>2. Genetics and child psychiatric disorders (12)</li> <li>3. Psychiatric assessment of children and their families, appropriate personality development theories (4)</li> </ol>	24
Child psychiatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Treatment modalities</li> </ol>	24
Child psychiatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Research modalities in child psychiatric nursing</li> </ol>	20
Orthopaedic nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Rheumatoid diseases (8)</li> <li>2. Tuberculosis: bone infections, bone necrosis (4)</li> <li>3. Metabolic and endocrine ailments with reference to orthopaedic issues (4)</li> <li>4. Dysphasia: tumours, amputations, neurovascular diseases, peripheral vascular diseases (4)</li> <li>5. Orthopaedic nursing skills (4)</li> </ol>	24

<b>MODULES AND EXAMINATION PAPERS</b>	<b>Units</b>	<b>Credits</b>
Orthopaedic nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Orthopaedic diseases of the different body parts (8)</li> <li>2. Trauma and orthopaedic nursing (12)</li> <li>3. Injury of the lower- and upper limbs, neck and back (4)</li> </ol>	24
Orthopaedic nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Research modalities in orthopaedic nursing</li> </ol>	20
Paediatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. General development of the child The development, function and pathophysiology of the body parts of the child (16)</li> <li>2. The assessment of the health status of the child Maintenance of the health of the child (4)</li> <li>3. Developmental problems and management (4)</li> </ol>	24
Paediatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Paediatric nursing during short and long-term hospitalisation (20)</li> <li>2. Community health paediatric nursing (4)</li> </ol>	24
Paediatric nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Research modalities in paediatric nursing</li> </ol>	20
Primary clinical healthcare nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Screening, principles of clinical diagnosis and treatment (8)</li> <li>2. Aetiology, pathology, diagnosis and treatment/referral as well as prevention and rehabilitation of common diseases (all age groups) (14)</li> <li>3. Legislation (2)</li> </ol>	24
Primary clinical healthcare nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Aetiology, pathology, diagnosis and treatment/referral as well as prevention of common ailments (all groups) (16)</li> <li>2. Primary mother and child care (4)</li> <li>3. Emergency treatment (4)</li> </ol>	24
Primary clinical healthcare nursing (One three-hour paper)	<ol style="list-style-type: none"> <li>1. Research modalities in Primary Clinical Healthcare</li> </ol>	20

**Rule VGH2                      RULES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN NURSING**

- (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

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**DOCTOR OF SOCIAL SCIENCE  
DSocSci (Nursing) (*In abeyance*)****Study code 2900**

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**Rule VGH3                      RULES FOR THE DEGREE OF DOCTOR OF NURSING**

The degree DSocSci (Nursing) 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.

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**BACHELOR IN ADVANCED NURSING  
B Advanced Nursing (*In abeyance*)****Study code 2540**

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

The Bachelor 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 qualification or diploma in nursing is required. Students must also be

registered as general nurses with the SA Nursing Council or another recognised council.

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

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

- (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 subminimum 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 OSCA (objective structured clinical assessment) examination, a subminimum of 40% per OSCA 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 Bachelor 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) Complete the qualification in the minimum period, and did not fail or repeat any module during an additional examination except for the purpose of improving a final mark.

#### **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 Bachelor 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>B in Advanced Nursing</b>	<b>Codes</b>	<b>Previous modules (advanced diploma)</b>	<b>Codes</b>
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 (OSCA).

#### **Rule VGH4.11 Obtaining of degree**

Completion of 360 credits leads to a Bachelor 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 Bachelor 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**

<b>QUALIFICATION</b>	<b>PROFESSIONAL REGISTRATIONS</b>	<b>CREDITS</b>
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**

<b>NURSING EDUCATION</b>		
<b>Fundamental modules</b>	<b>Code</b>	<b>Credits</b>
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
<b>Core modules</b>	<b>Code</b>	<b>Credits</b>
Nursing education	NVOV1716	24
Nursing education	NVOV1726	24
Nursing education practical	NOVP1705	20

  

<b>HEALTHCARE MANAGEMENT</b>		
<b>Fundamental modules</b>	<b>Code</b>	<b>Credits</b>
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
<b>Core modules</b>	<b>Code</b>	<b>Credits</b>
Healthcare management	NGSB1713	12
Healthcare management	NGSB1726	24
Healthcare management	NGSB1736	24
Healthcare management practical	NGBP1705	20

  

<b>OCCUPATIONAL HEALTH NURSING</b>		
<b>Fundamental modules</b>	<b>Codes</b>	<b>Credits</b>
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
<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
Occupational health nursing	NNGV1716	24
Occupational health nursing	NNGV1726	24
Occupational health nursing practical	NNGP1705	20

### HIV AND AIDS HEALTHCARE

<b>Fundamental modules</b>	<b>Codes</b>	<b>Credits</b>
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
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:

<b>Fundamental modules for all clinical fields</b>	<b>Codes</b>	<b>Credits</b>
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

<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
Forensic nursing	NFOV1716	24
Forensic nursing	NFOV1726	24
Forensic nursing practical	NEOP1705	20

### COMMUNITY NURSING

<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
Community nursing	NGMV1716	24
Community nursing	NGMV1726	24
Community nursing practical	NGMP1705	20

### GERONTOLOGICAL NURSING

<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
Gerontological nursing	GEV116	24
Gerontological nursing	GEV126	24
Gerontological nursing practical	GRP105	20

### ADVANCED MIDWIFERY AND NEONATOLOGY

<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
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>B in Advanced Nursing 2002 modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 1999 – 2001 modules</b>	<b>Codes</b>
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 I	FRM116	Pharmacology	FRM110
Pharmacology II	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>B in Advanced Nursing 2002 modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 1999 – 2001 modules</b>	<b>Codes</b>
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>B in Advanced Nursing 2004 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2003 modules</b>	<b>Codes</b>
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>B in Advanced Nursing 2004 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2003 modules</b>	<b>Codes</b>
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>B in Advanced Nursing 2005 modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2006 modules</b>	<b>Codes</b>
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>B in Advanced Nursing 1999-2008 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2009 modules</b>	<b>Codes</b>
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 behavior	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>B in Advanced Nursing 1999-2008 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2009 modules</b>	<b>Codes</b>
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>B in Advanced Nursing 1999-2008 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2009 modules</b>	<b>Codes</b>
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>B in Advanced Nursing 2014 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2015 modules</b>	<b>Codes</b>
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>B in Advanced Nursing 2014 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2015 modules</b>	<b>Codes</b>
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

<b>B in Advanced Nursing 2014 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2015 modules</b>	<b>Codes</b>
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 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**

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

<b>MODULES AND PAPER</b>	<b>UNITS</b>		<b>CREDITS</b>
<b>Healthcare management NGSB1736 One three-hour paper</b>	Unit	1 Public healthcare management (8) 2 Financial management in the public and private healthcare sectors (8) 3 Healthcare management for healthcare service delivery (8)	24
<b>Healthcare and the law NGRV1723 One two-hour paper</b>	Unit	1 SA legal system Legal and ethical guidelines Different forms of responsibility Informed consent Legal and ethical aspects in practice	12
<b>Community health Nursing NGMV1716 One three-hour paper</b>	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
<b>Community health Nursing NGMV1726 One three-hour paper</b>	Unit	1 Family care (birth to old age) (12) 2 Communicable diseases and reproductive care (8) 3 Occupational health (4)	24
<b>Gerontological nursing GEV116 One three-hour paper</b>	Unit	1 Demography of the elderly population and ageing process (8) 2 Psychosocial aspects of ageing (8) 3 Gerontological nursing skills (8)	24
<b>Gerontological nursing GEV126 One three-hour paper</b>	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
<b>Advanced midwifery and neonatology NGVV1716 One three-hour paper</b>	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
<b>Advanced midwifery and neonatology NVNV1726 One three-hour paper</b>	Unit	1 High risk midwifery (12) 2 High risk neonatology (8) 3 Safe motherhood (4)	24
<b>Introduction to HIV and AIDS healthcare NIVV1712 One two-hour paper</b>	Unit	1 Introduction to HIV and AIDS healthcare	8
<b>Child psychiatric nursing NKPV1716 One three-hour paper</b>	Unit	1 Common psychiatric disorders that apply to children (8) 2 Genetics and child psychiatric disorders (8) 3 Psychiatric assessment of children and their families 4 Appropriate developmental theories (8)	24

MODULES AND PAPER	UNITS		CREDITS
<b>Child psychiatric nursing</b> <b>NKPV1726</b> <b>One three-hour paper</b>	Unit	1 Treatment modalities	24
<b>Paediatric nursing</b> <b>NKDV1716</b> <b>One three-hour paper</b>	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
<b>Paediatric nursing</b> <b>NKDV1726</b> <b>One three-hour paper</b>	Unit	1 Paediatric nursing care in short- and long-term hospitalisation (16) 2 Community paediatric nursing care (8)	24
<b>Critical care (general)</b> <b>NKSV1716</b> <b>One three-hour paper</b>	Unit	1 Fundamental critical care (8) 2 Respiratory nursing care (8) 3 Cardiovascular and cardiothoracic nursing care (8)	24
<b>Critical care (general)</b> <b>NKSV1726</b> <b>One three-hour paper</b>	Unit	1 Neurological and neurosurgical nursing care (8) 2 Surgical nursing care (8) 3 Nephrological and endocrinological nursing care (8)	24
<b>HIV and AIDS healthcare</b> <b>NVIV1718</b> <b>Two two-hour papers</b>	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
<b>HIV and AIDS healthcare</b> <b>NVIV1728</b> <b>Two two-hour papers</b>	Unit	1 HIV and AIDS treatment - Adult - Pregnant woman - Child	32
<b>Research</b> <b>NREV1714</b> <b>One three-hour paper</b>	Unit	1 Introduction to nursing research (4) 2 Research process (12)	16
<b>Operating theatre nursing</b> <b>NTNV1716</b> <b>One three-hour paper</b>	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

<b>MODULES AND PAPER</b>	<b>UNITS</b>			<b>CREDITS</b>
<b>Operating theatre nursing NTNV1726 One three-hour paper</b>	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
<b>Educational psychology NOSV1714 Formative assessment and promotion</b>	Unit	1 2 3 4	Styles of learning (4) Pedagogic problem areas (4) Adolescence (4) Motivation, interest and attention (4)	16
<b>Orthopaedic nursing NOTV1716 One three-hour paper</b>	Unit	1 2 3 4 5	Arthritis and other rheumatoid disorders (8) Tuberculosis Bone infections, Bone necrosis (4) Metabolic and endocrine disorders with regard to orthopaedics (4) Dysplasia Tumours Amputations Neurovascular disorders Peripheral vascular disorders (4) Orthopaedic nursing skills (4)	24
<b>Orthopaedic nursing NOTV1726 One three-hour paper</b>	Unit	1 2 3	Orthopaedic disorders of various areas of the body (8) Trauma with regard to orthopaedics (8) Injuries of the upper and lower limbs, neck and back (8)	24
<b>Primary clinical healthcare NPKG1716 One three-hour paper</b>	Unit	1 2	Screening, principles of clinical diagnosis and treatment (12) Aetiology, pathology, diagnosis and treatment/referral, and prevention and rehabilitation of common diseases (all age groups) (12)	24
<b>Primary clinical healthcare NPKG1726 One three-hour paper</b>	Unit	1 2 3	Aetiology, pathology, diagnosis and treatment/referral, and prevention of common minor ailments (all age groups) (12) Primary mother and child care (8) Emergency treatment (4)	24
<b>Psychiatric nursing NPSV1716 One three-hour paper</b>	Unit	1 2 3 4	Psychiatric nursing skills (8) Nursing care of adults with the following specific disorders: Psychoses (8) Anxiety disorders (4) Mood disorders (4)	24

<b>MODULES AND PAPER</b>	<b>UNITS</b>			<b>CREDITS</b>
<b>Psychiatric nursing</b> <b>NPSV1726</b> <b>24 credits</b> <b>One three-hour paper</b>	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)	
<b>Sociology</b> <b>SOCI4724</b> <b>Formative assessment</b>	Unit	1	Introduction to labour relations: Environmental factors that play a role in industrial relations	16
		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	
<b>Trauma and emergency nursing</b> <b>TAV116</b> <b>One three-hour paper</b>	Unit	1	Initial assessment and management (8)	24
		2	Airway and ventilation (4)	
		3	Shock (4)	
		4	Thorax and abdominal trauma (8)	
<b>Trauma and emergency nursing</b> <b>TAV126</b> <b>One three-hour paper</b>	Unit	1	Head injuries (8)	24
		2	Spinal cord trauma (4)	
		3	Musculoskeletal trauma (4)	
		4	Burns (4)	
		5	Special considerations in trauma (4)	
<b>Nursing education</b> <b>NVOV1716</b> <b>One three-hour paper</b>	Unit	1	Education legislation and outcome based education (5)	24
		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)	
<b>Nursing education</b> <b>NVOV1726</b> <b>One three-hour paper</b>	Unit	1	Outcome based education (4) - Clinical teaching (4) - Learner assessment (4) - Clinical assessment (4)	24
		2	Teaching management (2)	
		3	Quality assurance in higher education (4)	
		4	Programme evaluation (2)	

The Advanced Diplomas as referred to in the Rule Books of 2014 and 2015 are Advanced University Diplomas.

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

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

**TABLE 1:                Advanced University Diplomas**

<b>QUALIFICATIONS</b>	<b>PROFESSIONAL REGISTRATIONS</b>	<b>CREDITS</b>	<b>STUDY CODE</b>
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	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	2225
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	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.

**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 qualification or diploma in nursing is required. Students must also be registered as general nurses with the SA Nursing Council or another recognised council in their country of origin.
- (iii) International students must provide evidence of interim registration with the SANC and Department of Foreign Workforce. International students must be registered with a recognised body in their country of origin.
- (iv) The School of Nursing reserves the right to request or to obtain information in order to ascertain whether students are physically and psychologically equipped to meet the demands of the programme, before admission or during training. Selection is also applied in this regard.
- (v) 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.
- (vi) *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.
- (vii) *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. Selection will be based on the results of the admission test.

- (viii) *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).

- (ix) *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.



- (x) *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.
- (xi) *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.
- (xii) *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 specialization area for which they seek admission. Admission can be obtained by the successful completion of an applicable short learning programme.
- (xiii) *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 A3.1, A5 and A6 applies.

- (i) Students who have not obtained the qualification after the minimum period for the particular qualification, plus two 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(s).
- (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). Access to OSCA requires completed clinical hours and workbook activities.

#### **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 subminimum of 50% applies for practical work in the examination.
- (viii) In the case of an OSCA (objective structured clinical assessment) examination, a subminimum of 40% per OSCA 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) Complete the qualification in the minimum period, and did not fail or repeat any module during an additional examination except for the purpose of improving a final mark.

#### **Rule VGH5.9          Exemption and recognition from modules and themes of modules**

Recognition of modules that coincide with modules in this Advanced University Diploma programme will be given on condition that the number of credits for which the student gets recognition does not exceed 25% of the credits for the diploma. Credits must have been obtained at a higher learning education institution no longer than five (5) years ago.

If students want to be credited for modules already obtained, the following will be applicable to current students who, in 2016 changed to another programme in this faculty:

- If students change from one program to another they must follow the curricula of the programme to which they have changed, as appears in the Rulebook of the year that they registered for that specific programme for the first time.
- Students must register for the new modules codes where applicable.

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

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

Advanced University Diploma in Nursing Administration (ADNA)

Advanced University Diploma in Nursing Education (ADNE)

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

**TABLE 2: Similar modules in the Advanced University Diplomas**

<b>Advanced University Diploma</b>		<b>Previous modules (advanced university diploma)</b>	
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 (OSCA).

#### **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**

<b>NURSING EDUCATION</b>		
<b>Fundamental modules</b>	<b>Codes</b>	<b>Credits</b>
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
<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
Nursing education	NVOV1716	24
Nursing education	NVOV1726	24
Nursing education practical	NOVP1705	20

  

<b>HEALTHCARE MANAGEMENT</b>		
<b>Fundamental modules</b>	<b>Codes</b>	<b>Credits</b>
Ethos and professional nursing practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Sociology	SOCI4724	16
Introduction to HIV and AIDS healthcare	NIVV1712	8
<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>

Healthcare management	NGSB1713	12
Healthcare management	NGSB1726	24
Healthcare management	NGSB1736	24
Healthcare management practical	NGBP1705	20

### OCCUPATIONAL HEALTH NURSING

<b>Fundamental modules</b>	<b>Codes</b>	<b>Credits</b>
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
<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
Occupational health nursing	NNGV1716	24
Occupational health nursing	NNGV1726	24
Occupational health nursing practical	NNGP1705	20

### HIV AND AIDS HEALTHCARE

<b>Fundamental modules</b>	<b>Codes</b>	<b>Credits</b>
Professional practice	NPPV1722	8
Healthcare and the law	NGRV1723	12
Pharmacology	NFAV1713	12
Healthcare management	NGSB1713	12
<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
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:**

<b>Fundamental modules for all clinical fields</b>	<b>Codes</b>	<b>Credits</b>
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

<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
Forensic nursing	NFOV1716	24
Forensic nursing	NFOV1726	24
Forensic nursing practical	NEOP1705	20

### COMMUNITY NURSING

<b>Core modules</b>	<b>Codes</b>	<b>Credits</b>
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 University Diplomas in 1999 to 2001 are equivalent to the following modules in 2002:**

Advanced University Diploma 2002 modules	Codes	Advanced University 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

<b>Advanced University Diploma 2002 modules</b>	<b>Codes</b>	<b>Advanced University Diploma 1999- 2001 modules</b>	<b>Codes</b>
Advanced midwifery and neonatology I	GVV115	Advanced midwifery and neonatology	GVV110
Advanced midwifery and neonatology II	VNV125	Advanced midwifery and neonatology	VNV120
Advanced midwifery and neonatology practical	GVP105	Advanced midwifery and neonatology practical	GVP100
Child psychiatric nursing I	KPV115	Child psychiatric nursing	KPV110
Child psychiatric nursing II	KPV125	Child psychiatric nursing	KPV120
Child psychiatric nursing practical	KPP105	Child psychiatric nursing practical	KPP100
Paediatric nursing I	KDV115	Paediatric nursing	KDV110
Paediatric nursing II	KDV125	Paediatric nursing	KDV120
Paediatric nursing practical	KDP105	Paediatric nursing practical	KDP100
Critical care nursing (general) I	KSV115	Critical care nursing (general)	KSV110
Critical care nursing (general) II	KSV125	Critical care nursing (general)	KSV120
Critical care nursing (general) practical	KSP105	Critical care nursing (general) practical	KSP100
Medical and surgical nursing I	MCV115	Medical and surgical nursing	MCV110
Medical and surgical nursing II	MCV125	Medical and surgical nursing	MCV120
Medical and surgical nursing practical	MCP105	Medical and surgical nursing practical	MCP100
Operating theatre nursing I	TNV115	Operating theatre nursing	TNV110
Operating theatre nursing II	TNV125	Operating theatre nursing	TNV120
Operating theatre nursing practical	TNP105	Operating theatre nursing practical	TNP100
Primary clinical care nursing I	PKG115	Primary clinical care nursing	PKG110
Primary clinical care nursing II	PKG125	Primary clinical care nursing	PKG120
Primary clinical care nursing practical	PKP105	Primary clinical care nursing practical	PKP100
Psychiatric nursing I	PSV115	Psychiatric nursing	PSV110
Psychiatric nursing II	PSV125	Psychiatric nursing	PSV120
Psychiatric nursing practical	PVP105	Psychiatric nursing practical	PVP100

**Modules followed in the Advanced University Diplomas in 2003 are equivalent to the following modules in 2004:**

<b>Advanced University Diploma 2003 modules</b>	<b>Codes</b>	<b>Advanced University Diploma 2004 modules</b>	<b>Codes</b>
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



<b>Advanced University Diploma 2003 modules</b>	<b>Codes</b>	<b>Advanced University Diploma 2004 modules</b>	<b>Codes</b>
Forensic nursing II	FOV126	Forensic nursing II	FOV125
Community nursing I	GMV116	Community nursing I	GMV115
Community nursing II	GMV126	Community nursing II	GMV125
Gerontological nursing I	GEV116	Gerontological nursing I	GEV115
Gerontological nursing II	GEV126	Gerontological nursing II	GEV125
Advanced midwifery and neonatology I	GVV116	Advanced midwifery and neonatology I	GVV115
Advanced midwifery and neonatology II	VNV126	Advanced midwifery and neonatology II	VNV125
Child psychiatric nursing I	KPV116	Child psychiatric nursing I	KPV115
Child psychiatric nursing II	KPV126	Child psychiatric nursing II	KPV125
Paediatric nursing I	KDV116	Paediatric nursing I	KDV115
Paediatric nursing II	KDV126	Paediatric nursing II	KDV125
Critical care nursing I (general)	KSV116	Critical care nursing I (general)	KSV115
Critical care nursing II (general)	KSV126	Critical care nursing II (general)	KSV125
Medical and surgical nursing I	MCV116	Medical and surgical nursing I	MCV115
Medical and surgical nursing II	MCV126	Medical and surgical nursing II	MCV125
Operating theatre nursing I	TNV116	Operating theatre nursing I	TNV115
Operating theatre nursing II	TNV126	Operating theatre nursing II	TNV125
Orthopaedic nursing I	OTV116	Orthopaedic nursing I	OTV115
Orthopaedic nursing II	OTV126	Orthopaedic nursing II	OTV125
Primary clinical 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 University Diplomas in 2005 are equivalent to the following modules in 2006:**

<b>Advanced University Diploma 2005 module</b>	<b>Codes</b>	<b>Advanced University Diploma 2006 module</b>	<b>Codes</b>
Trauma and emergency nursing practical	TAV105	Trauma and emergency nursing practical	TAP115 and TAP125

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

<b>Advanced University Diploma (1999-2008 modules)</b>	<b>Codes</b>	<b>Advanced University Diploma 2009 modules</b>	<b>Codes</b>
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)
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**Modules followed in the B in Advanced Nursing in 2014 are equivalent to the following modules in 2015:**

<b>B in Advanced Nursing 2014 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2015 modules</b>	<b>Codes</b>
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
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

<b>B in Advanced Nursing 2014 Modules</b>	<b>Codes</b>	<b>B in Advanced Nursing 2015 modules</b>	<b>Codes</b>
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**

<b>MODULES AND PAPERS</b>	<b>UNITS</b>		<b>CREDITS</b>
<b>Occupational health nursing NNGV1716 One three-hour paper</b>	Unit	1 National, regional and local occupational health profile (4) 2 Industrial hygiene (16) 3 Legislation (4)	24
<b>Occupational health nursing NNGV1726 One three-hour paper</b>	Unit	1 Modalities of occupational health nursing	24
<b>Ethos and professional practice NPPV1722 One two-hour paper</b>	Unit	1 Nursing as a profession 2 Nursing theories 3 Ethics and nursing 4 Influence of contemporary issues on the nursing profession	8
<b>Pharmacology NFAV1713 One three-hour paper</b>	Unit	1 Introduction to pharmacology (4) 2 Drug types (8)	12

<b>MODULES AND PAPERS</b>	<b>UNITS</b>		<b>CREDITS</b>
<b>Forensic nursing</b> <b>NFOV1716</b> <b>One three-hour paper</b>	Unit	1 Introduction to forensic nursing (4) 2 Physical assault (4) 3 Sexual assault nursing care (10) 4 Child abuse (6)	24
<b>Forensic nursing</b> <b>NFOV1726</b> <b>One three-hour paper</b>	Unit	1 Legal aspects and gathering evidence (6) 2 Offenders (8) 3 Living forensic nursing (8) 4 Post mortems (2)	24
<b>Healthcare management</b> <b>NGSB1713</b> <b>One three-hour paper</b>	Unit	1 The healthcare system in South Africa (4) 2 Management and management skills as a phenomenon in healthcare service delivery (8)	12
<b>Healthcare management</b> <b>NGSB1726</b> <b>One three-hour paper</b>	Unit	1 Human resource management for healthcare service delivery (20) 2 Research and healthcare management (4)	24
<b>Healthcare management</b> <b>NGSB1736</b> <b>One three-hour paper</b>	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
<b>Healthcare and the law</b> <b>NGRV1723</b> <b>One two-hour paper</b>	Unit	1 SA legal system Legal and ethical guidelines Different forms of responsibility Informed consent Legal and ethical aspects in practice	12
<b>Community nursing</b> <b>NGMV1716</b> <b>One three-hour paper</b>	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
<b>Community nursing</b> <b>NGMV1726</b> <b>One three-hour paper</b>	Unit	1 Family care (birth to old age) (12) 2 Communicable diseases and reproductive care (8) 3 Occupational health (4)	24
<b>Gerontological nursing</b> <b>GEV116</b> <b>One three-hour paper</b>	Unit	1 Demography of the elderly population and ageing process (8) 2 Psychosocial aspects of ageing (8) 3 Gerontological nursing skills (8)	24
<b>Gerontological nursing</b> <b>GEV126</b> <b>One three-hour paper</b>	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
<b>Advanced midwifery and neonatology</b> <b>NGVV1716</b> <b>One three-hour paper</b>	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
<b>Advanced midwifery and neonatology</b> <b>NVNV1726</b> <b>One three-hour paper</b>	Unit	1 High risk midwifery (12) 2 High risk neonatology (8) 3 Safe motherhood (4)	24

<b>MODULES AND PAPERS</b>	<b>UNITS</b>		<b>CREDITS</b>
<b>Introduction to HIV and AIDS healthcare</b> <b>NIVV1712</b> <b>One two-hour paper</b>	Unit	1 Introduction to HIV and AIDS healthcare	8
<b>Child psychiatric nursing</b> <b>NKPV1716</b> <b>One three-hour paper</b>	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
<b>Child psychiatric nursing</b> <b>NKPV1726</b> <b>One three-hour paper</b>	Unit	1 Treatment modalities	24
<b>Paediatric nursing</b> <b>NKDV1716</b> <b>One three-hour paper</b>	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
<b>Paediatric nursing</b> <b>NKDV1726</b> <b>One three-hour paper</b>	Unit	1 Paediatric nursing care in short and long term hospitalisation (16) 2 Community paediatric nursing care (8)	24
<b>Critical care (general)</b> <b>NKSV1716</b> <b>One three-hour paper</b>	Unit	1 Fundamental critical care (8) 2 Respiratory nursing care (8) 3 Cardiovascular and thoracic nursing care (8)	24
<b>Critical care (general)</b> <b>NKSV1726</b> <b>One three-hour paper</b>	Unit	1 Neurological and neurosurgical nursing care (8) 2 Surgical nursing care (8) 3 Nephrological and endocrinological nursing care (8)	24
<b>HIV and AIDS healthcare</b> <b>NVIV118</b> <b>Two two-hour papers</b>	Unit	1 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) 2 Applied ethical issues (10)	32
<b>HIV and AIDS healthcare</b> <b>NVIV1728</b> <b>Two two-hour papers</b>	Unit	1 HIV and AIDS treatment • Adult • Pregnant woman • Child	32

<b>MODULES AND PAPERS</b>	<b>UNITS</b>		<b>CREDITS</b>
<b>Research NREV1714 One three-hour paper</b>	Unit	1 Introduction to nursing research (4) 2 Research process (12)	16
<b>Operating theatre nursing NTNV1716 One three-hour paper</b>	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
<b>Operating theatre nursing NTNV1726 One three-hour paper</b>	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
<b>Educational psychology NOSV1714 Formative assessment</b>	Unit	1 Styles of learning (4) 2 Pedagogic problem areas (4) 3 Adolescence (4) 4 Motivation, interest and attention (4)	16
<b>Orthopaedic nursing NOTV1716 One three-hour paper</b>	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
<b>Orthopaedic nursing NOTV1726 One three-hour paper</b>	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
<b>Primary clinical healthcare NPKG1716 Two two-hour paper</b>	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
<b>Primary clinical healthcare NPKG1726 Two two-hour paper</b>	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

<b>MODULES AND PAPERS</b>	<b>UNITS</b>		<b>CREDITS</b>
<b>Psychiatric nursing NPSV1716 One three-hour paper</b>	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
<b>Psychiatric nursing NPSV1726 One three-hour paper</b>	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
<b>Sociology SOCI4724 Formative assessment</b>	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
<b>Trauma and emergency nursing TAV116 One three-hour paper</b>	Unit	1 Initial assessment and management (8) 2 Airway and ventilation (4) 3 Shock (4) 4 Thorax and abdominal trauma (8)	24
<b>Trauma and emergency nursing TAV126 One three-hour paper</b>	Unit	1 Head injuries (8) 2 Spinal cord trauma (4) 3 Musculoskeletal trauma (4) 4 Burns (4) 5 Special considerations in trauma (4)	24
<b>Nursing education NVOV1716 One three-hour paper</b>	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

<b>MODULES AND PAPERS</b>	<b>UNITS</b>			<b>CREDITS</b>
<b>Nursing education</b> <b>NVOV1726</b> <b>One three-hour paper</b>	Unit	1	Outcomes based education (4)	24
			- Clinical teaching (4)	
			- Learner assessment (4)	
			- Clinical assessment (4)	
		2	Teaching management (2)	
		3	Quality assurance in higher education (4)	
		4	Programme evaluation (2)	



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<b>POSTGRADUATE DIPLOMA IN HEALTH PROFESSIONS EDUCATION</b>	<b>120 Credits</b>
<b>PGDip (Health Professions Education)</b>	<b>Study code: 8202</b>

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

Students must comply with both the stipulations of the General Rules for Postgraduate 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 Bachelor's Degree in a health sciences profession; or
- (b) An applicable three-year qualification 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
HPER5805	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.

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<b>MASTER OF HEALTH PROFESSIONS EDUCATION</b>	<b>240 Credits</b>
<b>MHProfEdu</b>	<b>Module work and mini-dissertation: Study code: 8737</b>
	<b>Dissertation: Study code: 8736</b>

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## **Rule GBO2      RULES FOR THE DEGREE MASTER OF 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 Bachelor's Degree in a health sciences profession; or
- (b) A three-year qualification 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)  
**(120 credits)** **Study code: 8737**

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:

HP EE7905	Concepts of learning in health sciences
HP EC7905	Community Service Learning, Inter-disciplinary Education and Primary Health Care
HP EP7905	Programme development, design and assessment for health professions education and training
HP ES7905	The development of professional skills in the health professions
HP EM7905	Management in health professions education and health care institutions
HP EQ7905	Quality assurance in health professions education

#### **Option A:**

HP ES7900      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's degree is awarded with distinction if the candidate obtains a final average mark of 75 % for the mini-dissertation 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).

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<b>DOCTOR OF PHILOSOPHY IN HEALTH PROFESSIONS EDUCATION</b>	<b>360 Credits</b>
<b>PhD (Health Professions Education)</b>	<b>Study code: 8951</b>

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## **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 qualification an educational qualification;  
or
- (d) A Master's and/or doctoral qualification 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) obtains 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	MOTR900
ABT901	PDOT9100
ATN701	MOTS7905
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
FST901	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	MANF7900
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	MPRS6664
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	MCEM7900
CEP709	MCEP8900
CEP890	MCEB7900
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
DIS891	MDIA7902
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	MMRM9100
FRM901	MFRM9100
FSK601	PHYS6814/24
FSK606	PHYI6874/84



FSK611	PHYE6834/44
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	MHEM6810 (1 <sup>st</sup> Sem)
	MHEM6820 (2 <sup>nd</sup> Sem)
HEM602	MHEH6810 (1 <sup>ST</sup> Sem)
	MHEH6820 (2 <sup>nd</sup> Sem)
HEM603	MHEI6810 (1 <sup>st</sup> Sem)
	MHEI6820 (2 <sup>nd</sup> Sem)
HEM604	MHEB6810 (1 <sup>st</sup> Sem)
	MHEB6820 (2 <sup>nd</sup> Sem)
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	MTTC9100
KAR901	MKAR9100
KGN900	MMKN9100
KGN901	MKGN9100
KGW900	MMGW9100
KGW901	MKGW9100
KHA700	MKHA7900
KHA800	MKHB7900
KHA890	MKHC7900
KHA900	MMHA9100
KHA901	MHAK9100
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	MMMB9100
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	MMGA7900
MNG890	MMGB7900
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
RES890	MRES7900
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
VIR701	MVIA7900
VIR709	MVIR8900
VIR890	MVIB7900
VIR900	MMVI9100
VIR901	MVIR9100
VKG700	MCMA7902
VKG701	MVKG7900
VKG702	MVKA7900
VKG703	MVKT7900
VKG704	MVKC7900
VKG705	MVKS7900
VKG900	MMKG9100
VKG901	MVKG9100
WTW614	MATN6814

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## 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	NVRT7905
VRT900	NVRT9100