

**UNIVERSITY OF THE FREE STATE**

**FACULTY OF HEALTH SCIENCES**

**RULE BOOK**

**POSTGRADUATE DEGREES AND DIPLOMAS**

**2020**



**DEAN: PROF GJ VAN ZYL  
FACULTY OF HEALTH SCIENCES  
ROOM D202  
TELEPHONE NUMBER 051 401 7798**

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## 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 (by dissertation)	1 yr	BC887000	10
Master of Science in Dietetics	MSc (Dietetics) (by dissertation)	1 yr	BC888000	12
Master of Nutrition	MNutr (by dissertation)	1 yr	BC888100	13
Master of Science in Physiotherapy (Structured) ( <i>in abeyance</i> )	MSc (Physiotherapy) (by coursework and minidissertation)	2 yrs	BC872000	15
Master of Science in Physiotherapy (Dissertation)	MSc (Physiotherapy) (by dissertation)	1 yr	BC883900	16
Master of Science in Physiotherapy with specialisation in Sports Physiotherapy ( <i>in abeyance</i> )	MSc (Physiotherapy) (by coursework and minidissertation)	2 yrs	BC872001	17
Master of Optometry (Structured) ( <i>in abeyance</i> )	MOptom (by coursework and mini-dissertation)	2 yrs	BC873500	19
Master of Optometry (Dissertation)	MOptom (by dissertation)	1 yr	BC880100	20
<b>Doctoral Degrees</b>				
Doctor of Dietetics	DDiet	2 yrs	BC895500	21
Doctor of Nutrition	DNut	2 yrs	BC895200	21
Doctor of Physiotherapy	DPhysio	2 yrs	BC895400	21
Doctor of Occupational Therapy	DOccTher	2 yrs	BC895300	21

### SCHOOL OF CLINICAL MEDICINE / SCHOOL OF PATHOLOGY / SCHOOL OF BIOMEDICAL SCIENCES

Qualification	Abbreviation	Minimum Duration	Study Code	Page
<b>Bachelor of Medical Science Honours Degrees</b>				
<b>Bachelor of Medical Science Honours Degrees: Rules</b>				22
Bachelor of Medical Science Honours in Anatomical Pathology ( <i>In abeyance</i> )	BMedScHons (Anatomical Pathology)	1 yr	8531	22
Bachelor of Medical Science Honours in Anatomy and Cell Morphology	BMedScHons (Anatomy and Cell Morphology)	1 yr	BC863000	22
Bachelor of Medical Science Honours in Chemical Pathology	BMedScHons (Chemical Pathology)	1 yr	BC863300	23
Bachelor of Medical Science Honours in Haematology and Cell Biology ( <i>In abeyance</i> )	BMedScHons (Haematology and Cell Biology)	1 yr	BC863700	23
Bachelor of Medical Science Honours in Human Genetics ( <i>In abeyance</i> )	BMedScHons (Human Genetics)	1 yr	8540	24

Bachelor of Medical Science Honours in Human Molecular Biology	BMedScHons (Human Molecular Biology)	1 yr	BC864100	24
Bachelor of Medical Science Honours in Immunology ( <i>In abeyance</i> )	BMedScHons (Immunology)	1 yr	BC863800	25
Bachelor of Medical Science Honours in Medical Microbiology and Virology	BMedScHons (Medical Microbiology and Virology)	1 yr	BC863900	25
Bachelor of Medical Science Honours in Medical Physics	BMedScHons (Medical Physics)	1 yr	BC863500	26
Bachelor of Medical Science Honours in Physiology	BMedScHons (Physiology)	1 yr	BC863600	27
Bachelor of Medical Science Honours in Pharmacology	BMedScHons (Pharmacology)	1 yr	BC863400	28

Qualification	Abbreviation	Minimum Duration	Study Code	Page
<b>Master's Degrees</b>				
Rules for the Master of Medicine MMed degrees				29
Master of Medicine in Anaesthesiology	MMed (Anaesthesiology)	4 yrs	BC870400	32
Master of Medicine in Anatomical Pathology	MMed (Anatomical Pathology)	4 yrs	BC870300	33
Master of Medicine in Cardiothoracic Surgery	MMed (Cardiothoracic Surgery)	5 yrs	BC871300	33
Master of Medicine in Chemical Pathology	MMed (Chemical Pathology)	4 yrs	BC870500	34
Master of Medicine in Clinical Pathology ( <i>In abeyance</i> )	MMed (Clinical Pathology)	4 yrs	BC871500	34
Master of Medicine in Clinical Pharmacology	MMed (Clinical Pharmacology)	4yrs	BC870041	35
Master of Medicine in Community Health	MMed (Community Health)	4 yrs	BC873000	36
Master of Medicine in Dermatology	MMed (Dermatology)	4yrs	BC870700	37
Master of Medicine in Diagnostic Radiology	MMed (Diagnostic Radiology)	5 yrs	BC870800	37
Master of Medicine in Emergency Medicine	MMed (Emergency Medicine)	4 yrs	BC875500	38
Master of Medicine in Family Medicine	MMed (Family Medicine)	4 yrs	BC875300	38
Master of Medicine in Forensic Medicine	MMed (Forensic Medicine)	5 yrs	BC870900	41
Master of Medicine in Haematology	MMed (Haematology)	4 yrs	BC871000	41
Master of Medicine in Internal Medicine	MMed (Internal Medicine)	4 yrs	BC873300	41
Master of Medicine in Medical Genetics	MMed (Medical Genetics)	4 yrs	BC874200	42
Master of Medicine in Medical Microbiology	MMed (Medical Microbiology)	4 yrs	BC871600	43
Master of Medicine in Medical Virology	MMed (Medical Virology)	4 yrs	BC872900	43
Master of Medicine in Neurology	MMed (Neurology)	4 yrs	BC871800	44
Master of Medicine in Neurosurgery	MMed (Neurosurgery)	5 yrs	BC871700	44
Master of Medicine in Nuclear Medicine	MMed (Nuclear Medicine)	4 yrs	BC871400	45
Master of Medicine in Obstetrics and Gynaecology	MMed (Obstetrics and Gynaecology)	5 yrs	BC871900	45
Master of Medicine in Ophthalmology	MMed (Ophthalmology)	4 yrs	BC872100	46
Master of Medicine in Orthopaedic Surgery	MMed (Orthopaedic Surgery)	5 yrs	BC872200	46
Master of Medicine in Otorhinolaryngology	MMed (Otorhinolaryngology)	4 yrs	BC872300	47
Master of Medicine in Paediatrics	MMed (Paediatrics)	4 yrs	BC872400	47

Master of Medicine in Paediatric Surgery	MMed (Paediatric Surgery)	5 yrs	BC875400	48
Master of Medicine in Plastic Surgery	MMed (Plastic Surgery)	5 yrs	BC872500	48
Master of Medicine in Psychiatry	MMed (Psychiatry)	4 yrs	BC872600	49
Master of Medicine in Radiation Oncology	MMed (Radiation Oncology)	4 yrs	BC872700	49
Master of Medicine in Surgery	MMed (Surgery)	5 yrs	BC870600	49
Master of Medicine in Urology	MMed (Urology)	5 yrs	BC872800	50
<b>Applicable to all MMed degrees</b>				51
<b>Master of Medical Science</b>				55
Master of Medical Science with specialisation in Anatomy and Cell Morphology	MMedSc with specialisation in Anatomy and Cell Morphology	1 yr	BC883000	55
Master of Medical Science with specialisation in Anatomical Pathology	MMedSc with specialisation in Anatomical Pathology	1 yr	BC883200	55
Master of Medical Science with specialisation in Biostatistics	MMedSc with specialisation in Biostatistics	1 yr	BC883100	55
Master of Medical Science with specialisation in Cardiothoracic Surgery	MMedSc with specialisation in Cardiothoracic Surgery	1 yr	BC884200	55
Master of Medical Science with specialisation in Chemical Pathology	MMedSc with specialisation in Chemical Pathology	1 yr	BC883300	55

Qualification	Abbreviation	Minimum Duration	Study Code	Page
Master of Medical Science with specialisation in Clinical Radiology	MMedSc with specialisation in Clinical Radiology	1 yr	BC884300	55
Master of Medical Science with specialisation in Critical Care	MMedSc with specialisation in Critical Care	1 yr	BC884400	55
Master of Medical Science with specialisation in Haematology and Cell Biology	MMedSc with specialisation in Haematology and Cell Biology	1 yr	BC884700	55
Master of Medical Science with specialisation in Human Genetics	MMedSc with specialisation in Human Genetics	1 yr	BC884500	55
Master of Medical Science with specialisation in Human Molecular Biology	MMedSc with specialisation in Human Molecular Biology	1 yr	BC884100	55
Master of Medical Science with specialisation in Immunology	MMedSc with specialisation in Immunology	1 yr	BC883800	55
Master of Medical Science with specialisation in Medical Microbiology	MMedSc with specialisation in Medical Microbiology	1 yr	BC884800	55
Master of Medical Science with specialisation in Medical Physics	MMedSc with specialisation in Medical Physics	1 yr	BC883500	55
Master of Medical Science with specialisation in Radiation Oncology	MMedSc with specialisation in Radiation Oncology	1 yr	BC884600	55
Master of Medical Science with specialisation in Physiology	MMedSc with specialisation in Physiology	1 yr	BC883600	55
Master of Medical Science with specialisation in Pharmacology (Analytical/Clinical)	MMedSc with specialisation in Pharmacology (Analytical/Clinical)	1 yr	BC883400	55
Master of Medical Science with specialisation in Virology	MMedSc with specialisation in Virology	1 yr	BC884000	55
Master of Medical Science in Critical Care	MMedSc (Critical Care) (Structured)	1 yr	BC873200	55
Master of Medical Science in Medical Physics	MMedSc (Medical Physics) (Structured)	1 yr	BC873100	56
Master of Sports Medicine ( <i>In abeyance</i> )	M Sports Medicine	3 yrs	BC878200	57
Master of Medical Science in Transfusion Medicine ( <i>In abeyance</i> )	MMedSc (Transfusion Medicine)	2 yrs	BC889000	59
<b>Doctoral Degrees</b>				

Doctor of Philosophy (Clinical Medical Science)	PhD (Clinical Medical Science)	2 yrs	BC893000	60
Doctor of Philosophy (Pathology)	PhD (Pathology)	2 yrs	BC893100	60
Doctor of Philosophy (Biomedical Science)	PhD (Biomedical Science)	2 yrs	BC893200	60
Doctor of Medicine	DMed	2yrs	BC890000	60
Doctor of Medical Science	DMedSc	2 yrs	BC894000	61
<b>Postgraduate Diplomas</b>				
Postgraduate Diploma in Medical Physics	PGDip (Medical Physics)	2 yrs	BC851300	62
Postgraduate Diploma in Clinical Pharmacology	PGDip (Clinical Pharmacology)	1 yr	8212	63
Postgraduate Diploma in Transfusion Medicine ( <i>In abeyance</i> )	PGDip (Transfusion Medicine)	1 yr	BC822300	63
Postgraduate Diploma in Diagnostic Radiography ( <i>In abeyance</i> )	PGDip (Diagnostic Radiography)	2 yrs	BC820300	64
Postgraduate Diploma in Occupational Health	PGDip (Occupational Health)	2 yrs	BC852000	65
Postgraduate Diploma in Community Health ( <i>In abeyance</i> )	PGDip (Community Health)	2 yrs	8230	66
Postgraduate Diploma in Health Services Management	PGDip (Health Services Management)	2 yrs	BC854000	67
Postgraduate Diploma in Clinical Forensic Medicine ( <i>In abeyance</i> )	PGDip (Clinical Forensic Medicine)	2 yrs	BC855000	68
<b>Master of Philosophy</b>				70
Master of Philosophy in Endocrinology	MPhil (Endocrinology)	2 yrs	BC870040	71
Master of Philosophy in Gastroenterology	MPhil (Gastroenterology)	2 yrs	BC870013	72
Master of Philosophy in Geriatric Medicine	MPhil (Geriatric Medicine)	2 yrs	BC870018	73
Master of Philosophy in Nephrology	MPhil (Nephrology)	2 yrs	BC870017	74
Master of Philosophy in Pulmonology	MPhil (Pulmonology)	2 yrs	BC871200	75
<b>Qualification</b>	<b>Abbreviation</b>	<b>Minimum Duration</b>	<b>Study Code</b>	<b>Page</b>
Master of Philosophy in Clinical Haematology	MPhil (Clinical Haematology)	2 yrs	BC870014	76
Master of Philosophy in Interventional Radiology	MPhil (Interventional Radiology)	2 yrs	BC870015	77
Master of Philosophy in Paediatric Cardiology	MPhil (Paediatric Cardiology)	3 yrs	BC870016	78
Master of Philosophy in Paediatric Oncology	MPhil (Paediatric Oncology)	2 yrs	BC870019	79
Master of Philosophy in Gastroenterology Surgery	MPhil (Gastroenterology Surgery)	2 yrs	BC871100	81
Master of Philosophy in Trauma Surgery	MPhil (Trauma Surgery)	2 yrs	BC870021	82
Master of Philosophy in Vascular Surgery	MPhil (Vascular Surgery)	2 yrs	BC870020	83
Master of Philosophy in Critical Care	MPhil (Critical Care)	2 yrs	BC870012	84
Master of Philosophy in Neonatology	MPhil (Neonatology)	2 yrs	BC870022	85

## SCHOOL OF NURSING

Qualification	Abbreviation	Minimum Duration	Study Code	Page
<b>Master's Degrees</b>				
Master of Nursing (Dissertation)	MNurs	2 yrs		86
<b>Doctoral Degrees</b>				
			BC882000 BC892100	
Doctor of Philosophy in Nursing	PhD (Nursing)	2 yrs		86

Postgraduate Diploma in HIV/AIDS	PGDip(HIV/AIDS)	1yr	BC854100	87
<b>Advanced University Diplomas Please note: The last intake took place in July 2019</b>				88
Advanced University Diploma in Advanced Midwifery and Neonatology ( <i>in abeyance</i> )		1 yr	2225	88
Advanced University Diploma in Child Psychiatric Nursing ( <i>in abeyance</i> )		1 yr	2217	88
Advanced University Diploma in Community Health Nursing ( <i>in abeyance</i> )		1 yr	2215	88
Advanced University Diploma in Critical Care Nursing (General) ( <i>in abeyance</i> )		1 yr	2212	88
Advanced University Diploma in Forensic Nursing ( <i>in abeyance</i> )		1 yr	2231	88
Advanced University Diploma in Nursing Education ( <i>in abeyance</i> )		1 yr	2213	88
Advanced University Diploma in Occupational Health Nursing ( <i>in abeyance</i> )		1 yr	2219	88
Advanced University Diploma in Operational Ward Nursing ( <i>in abeyance</i> )		1 yr	2227	88
Advanced University Diploma in Orthopaedic Nursing ( <i>in abeyance</i> )		1 yr	2232	88
Advanced University Diploma in Paediatric Nursing ( <i>in abeyance</i> )		1 yr	2223	88
Advanced University Diploma in Primary Health Care Nursing ( <i>in abeyance</i> )		1 yr	2214	88
Advanced University Diploma in Nursing Education( <i>in abeyance</i> )		1yr	2213	88
Advanced University Diploma in Psychiatric Nursing ( <i>in abeyance</i> )		1 yr	2224	88
Advanced University Diploma in Trauma Nursing ( <i>in abeyance</i> )		1 yr	2234	88

## 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	BC850200	89
<b>Master's Degree</b>				
Master of Health Professions Education	MHProfEdu (by coursework and mini-dissertation)	1 yr	BC870200	90
Master of Health Professions Education	MHProfEdu (by dissertation)	1 yr	BC883700	90
<b>Doctoral Degree</b>				
Doctor of Philosophy in Health Professions Education	PhD (Health Professions Education)	2 yrs	BC895100	92
<b>SUMMARY OF OLD AND NEW MODULE CODES</b>				93

## CONTACT PERSONS

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

### DEPUTY DIRECTOR: FACULTY ADMINISTRATION

Ms M Viljoen  
Internal Post Box G40  
Faculty of Health Sciences  
University of the Free State  
PO Box 339  
Bloemfontein 9300

Tel: (051) 401-2847  
Fax: (051) 444-3103  
E-mail: [viljoenma@ufs.ac.za](mailto:viljoenma@ufs.ac.za)

### POSTGRADUATE ADMINISTRATION OFFICE

Internal Post Box G40  
Faculty of Health Sciences

Tel: (051) 401-7500/3739  
Fax: 086 698 1170

University of the Free State  
PO Box 339  
Bloemfontein 9300

E-mail: [postgradfhs@ufs.ac.za](mailto:postgradfhs@ufs.ac.za)

**SCHOOL OF NURSING ADMINISTRATION OFFICER**  
Ms CD Vermeulen

Tel: 051- 401 2407

E-mail: [vermeucd@ufs.ac.za](mailto:vermeucd@ufs.ac.za)

**Important:**

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

**DEAN'S OFFICE****DEAN**

Prof GJ van Zyl

051-401 7798

[deanfhs@ufs.ac.za](mailto:deanfhs@ufs.ac.za)**VICE-DEAN: RESEARCH**

Prof J Tsoka-Gwegweni

051401 7961

[Tsoka-gwegweni@ufs.ac.za](mailto:Tsoka-gwegweni@ufs.ac.za)**DIVISION HEALTH SCIENCES EDUCATION**

Dr J Bezuidenhout

051 401 7767

[bezuidj@ufs.ac.za](mailto:bezuidj@ufs.ac.za)**TEACHING AND LEARNING MANAGER**

Mrs C Jaftha

051- 4017563

[JafthaCBA@ufs.ac.za](mailto:JafthaCBA@ufs.ac.za)**DIVISION STUDENT LEARNING AND DEVELOPMENT**

Dr MP Jama

051 401 7771

[jamamp@ufs.ac.za](mailto:jamamp@ufs.ac.za)**SCHOOL FOR ALLIED HEALTH PROFESSIONS****HEAD**

Prof C Janse van Vuuren

051-401 2837

[JanseVanVuurenEC@ufs.ac.za](mailto:JanseVanVuurenEC@ufs.ac.za)**EXERCISE AND SPORT SCIENCES**

Prof FF Coetzee

051-401 2944

[coetzeef@ufs.ac.za](mailto:coetzeef@ufs.ac.za)**NUTRITION AND DIETETICS**

Prof L Van den Berg

051-401 2894

[dietetics@ufs.ac.za](mailto:dietetics@ufs.ac.za)**OCCUPATIONAL THERAPY**

Ms Azette Swanepoel

051-401 2829

[SwanepoelA@ufs.ac.za](mailto:SwanepoelA@ufs.ac.za)**OPTOMETRY**

Prof TA Rasengane

051-405 2680

[rasenganeta@ufs.ac.za](mailto:rasenganeta@ufs.ac.za)**PHYSIOTHERAPY**

Dr RY Barnes

051-401 3289

[BarnesR@ufs.ac.za](mailto:BarnesR@ufs.ac.za)**SCHOOL OF CLINICAL MEDICINE****HEAD**

Prof N Mofolo

051-401 7790

[MedicineFHS@ufs.ac.za](mailto:MedicineFHS@ufs.ac.za)**ANAESTHESIOLOGY**

Dr EW Turton

051-405 3307

[TurtonEW@ufs.ac.za](mailto:TurtonEW@ufs.ac.za)**CARDIOLOGY**

Prof EM Makotoko

051-405 3390

[makotokoem@ufs.ac.za](mailto:makotokoem@ufs.ac.za)**CARDIOTHORACIC SURGERY**

Prof FE Smit

051-405 3861

[smitfe@ufs.ac.za](mailto:smitfe@ufs.ac.za)**CLINICAL IMAGING SCIENCES**

Dr FA Gebremariam

051-405 3471

[GebremFA@ufs.ac.za](mailto:GebremFA@ufs.ac.za)



COMMUNITY HEALTH Prof WH Kruger	051-405 3136 <a href="mailto:gngmwhk@ufs.ac.za">gngmwhk@ufs.ac.za</a>
CRITICAL CARE Dr NE Pearce	051-405 3458 <a href="mailto:PearceNE@ufs.ac.za">PearceNE@ufs.ac.za</a>
DERMATOLOGY Dr ZS Mazibuko (Acting)	051-401 7504 <a href="mailto:MazibukoZS@ufs.ac.za">MazibukoZS@ufs.ac.za</a>
UNDERGRADUATE PROGRAMME MANAGEMENT Dr LJ van der Merwe	051-401 2773 <a href="mailto:merwelj@ufs.ac.za">merwelj@ufs.ac.za</a>
FAMILY MEDICINE Dr E Reji	051-401 3307 RejiE@ufs.ac.za
FORENSIC MEDICINE Dr MS Monatisa	051-412 9136 <a href="mailto:monatisams@ufs.ac.za">monatisams@ufs.ac.za</a>
INTERNAL MEDICINE Dr TRP Mofokeng	051-405 3154 <a href="mailto:MofokengTRP@ufs.ac.za">MofokengTRP@ufs.ac.za</a>
MEDICAL PHYSICS Dr FCP Du Plessis (Acting)	051-405 3156 <a href="mailto:DuPlessisFCP@ufs.ac.za">DuPlessisFCP@ufs.ac.za</a>
NEUROLOGY Prof AA Moodley	051-405 3550 <a href="mailto:MoodleyAA@ufs.ac.za">MoodleyAA@ufs.ac.za</a>
NEUROSURGERY Dr J Basson	051-405 3009 <a href="mailto:bassonj@ufs.ac.za">bassonj@ufs.ac.za</a>
NUCLEAR MEDICINE Dr GHJ Engelbrecht	051-405 3488 <a href="mailto:engelbrechtgh@ufs.ac.za">engelbrechtgh@ufs.ac.za</a>
OBSTETRICS AND GYNAECOLOGY Prof SM Baloyi	051-405 3272 <a href="mailto:BaloyiSM@ufs.ac.za">BaloyiSM@ufs.ac.za</a>
ONCOLOGY Prof A Sherriff	051-405 2646 <a href="mailto:sherriffA@ufs.ac.za">sherriffA@ufs.ac.za</a>
OPHTHALMOLOGY Prof WJ Marais	051-405 2151 <a href="mailto:maraiswj@ufs.ac.za">maraiswj@ufs.ac.za</a>
ORTHOPAEDICS SURGERY Dr S Matshidza	051-405 2242 <a href="mailto:matshidzas@ufs.ac.za">matshidzas@ufs.ac.za</a>
OTORHINOLARYNGOLOGY Prof RY Seedat	051-405 3344 <a href="mailto:seedatry@ufs.ac.za">seedatry@ufs.ac.za</a>
PAEDIATRICS AND CHILD HEALTH Prof A Venter	051-405 3181 <a href="mailto:gnpdav@ufs.ac.za">gnpdav@ufs.ac.za</a>
PHARMACOLOGY Prof A Walubo	051-401 3090 <a href="mailto:waluboa@ufs.ac.za">waluboa@ufs.ac.za</a>
PLASTIC AND RECONSTRUCTIVE SURGERY	051-405 3544

Prof JF Jooste (Acting)	<a href="mailto:joostejf@ufs.ac.za">joostejf@ufs.ac.za</a>
PSYCHIATRY Prof PJ Pretorius	051-407 9294/7 <a href="mailto:pretorpj@ufs.ac.za">pretorpj@ufs.ac.za</a>
SPORTS AND EXERCISE MEDICINE Vacant	051-401 2530
SURGERY Dr NE Pearce	051 405 3545 <a href="mailto:PearceNE@ufs.ac.za">PearceNE@ufs.ac.za</a>
UROLOGY Prof F Claassen	051-405 3542 <a href="mailto:Claassen@ufs.ac.za">Claassen@ufs.ac.za</a>
<b><u>SCHOOL OF PATHOLOGY</u></b>	
<b>HEAD</b> Prof TJ Naicker	051-405 2913 <a href="mailto:NaickerTJ@ufs.ac.za">NaickerTJ@ufs.ac.za</a>
ANATOMICAL PATHOLOGY Prof J Goedhals	051-405 3058 <a href="mailto:gnmbjg@ufs.ac.za">gnmbjg@ufs.ac.za</a>
CHEMICAL PATHOLOGY Prof TJ Naicker	051-405 2913 <a href="mailto:NaickerTJ@ufs.ac.za">NaickerTJ@ufs.ac.za</a>
HAEMATOLOGY AND CELL BIOLOGY Prof MJ Coetzee	051-405 3043 <a href="mailto:coetzeemj@ufs.ac.za">coetzeemj@ufs.ac.za</a>
Human Genetics Division Prof M Theron	051 405 3351 <a href="mailto:theronm1@ufs.ac.za">theronm1@ufs.ac.za</a>
MEDICAL MICROBIOLOGY Dr MB Maloba	051-405 3076 <a href="mailto:MalobaMB@ufs.ac.za">MalobaMB@ufs.ac.za</a>
Division of Virology Prof D Goedhals	051-405 2834 <a href="mailto:gnvrdg@ufs.ac.za">gnvrdg@ufs.ac.za</a>
<b><u>SCHOOL OF BIOMEDICAL SCIENCES</u></b>	
<b>HEAD</b> Prof CD Viljoen	051-401 7790 <a href="mailto:ViljoenCD@ufs.ac.za">ViljoenCD@ufs.ac.za</a>
ANIMAL RESEARCH CENTRE Mr. S Lamprecht	051-405 3147 <a href="mailto:lamprechts@ufs.ac.za">lamprechts@ufs.ac.za</a>
BASIC MEDICAL SCIENCES Dr S van Zyl	051-405 3555 <a href="mailto:gnfssvz@ufs.ac.za">gnfssvz@ufs.ac.za</a>
BIostatISTICS Prof G Joubert	051-401 3117 <a href="mailto:gnbsgj@ufs.ac.za">gnbsgj@ufs.ac.za</a>
CLINICAL SIMULATION AND SKILLS UNIT Prof MJ Labuschagne	051-401 3869 <a href="mailto:labuschagnemj@ufs.ac.za">labuschagnemj@ufs.ac.za</a>
GMO UNIT Prof CD Viljoen	051-405 3656 <a href="mailto:ViljoenCD@ufs.ac.za">ViljoenCD@ufs.ac.za</a>

NATIONAL CONTROL LABORATORY FOR BIOLOGICAL PRODUCTS  
Prof D Litthauer

051-401 3015  
[litthad@ufs.ac.za](mailto:litthad@ufs.ac.za)

## **SCHOOL OF NURSING**

**HEAD**  
Prof M Mulder

051-401 2246  
[nursingfhs@ufs.ac.za](mailto:nursingfhs@ufs.ac.za)

PROGRAMME DIRECTOR  
Dr A Fichardt

051-401 9169/2361  
[fichardtAE@ufs.ac.za](mailto:fichardtAE@ufs.ac.za)

## **DEFINITIONS**

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Refer to the UFS General Rules 2020 for the additional definitions of terms to ensure clarity and uniform interpretation.

## **ABBREVIATIONS**

**CMSA - Colleges of Medicine of South Africa**

**EXCO – Executive Committee**

**FCOG - Fellowship of the College of Obstetricians and Gynaecologists FHS  
- Faculty of Health Sciences**

**HOD - Head of Department**

**HPCSA - Health Professions Council of South Africa**

**HSREC - Health Sciences Research Ethics Committee**

**OSCA - Objective structured clinical assessment**

**OSCE - Objective structured clinical examination**

**OSPE - Objective structured practical examination**

**SAHP -School for Allied Health Professions**

**TALPS -Test of Academic Literacy for Postgraduate Students**

**TRREE - Training and Resources in Research Ethics Evaluation**

**UFS - University of the Free State**

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## **RULES**

Although the information in the Rule Book is as accurate as possible, the UFS does not accept any responsibility for any inaccuracies.

The UFS General Rules apply *mutatis mutandis* to this faculty.

The assessment rules outlined in the UFS General Rules apply to the postgraduate students in the FHS as well.

Besides the degrees and diplomas the university may introduce in the future, the following degrees and diplomas can be obtained in the FHS:

**No disclosure of marks or student information or discussion of students' performance will be done with parents or other third parties without written permission of the student in order to protect personal information of the student.**

## **SCHOOL FOR ALLIED HEALTH PROFESSIONS**

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**MASTER OF OCCUPATIONAL THERAPY      240 Credits MOccTher (by dissertation)      Study code  
BC887000**

**Rule AGH1                      RULES FOR THE DEGREE MASTER OF OCCUPATIONAL THERAPY**

**Rule AGH1.1                  Admission requirements**

A student must comply with the stipulations of the UFS General Rules for Master's Degrees and with the rules of the FHS.

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 cognate qualification deemed equivalent by the university.
- (b) Be registered as an occupational therapist with the HPCSA.
- (c) In case of being an international student, evidence must be provided of interim registration with the HPCSA and department of Foreign Workforce. International students must be registered with a recognised body in their country of origin.
- (d) Be subject to an admission process.
- (e) Be cognisant that students may be required to write additional admission tests.

Please take into account that the number of postgraduate students selected is also subject to the availability/capacity of supervisors.

**Rule AGH1.2                  Duration of programme**

Students are reminded of the UFS General Rules and Rules of the FHS that relate to the maximum duration of the programme.

**Rule AGH1.3                  Curriculum**

Dissertation    MOTR8900    240 credits

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.

Elucidation:

- (a) The research protocol will be evaluated by an evaluation committee of the School for Allied Health Professions. (b) After approval from the evaluation committee the protocol must be submitted to the HSREC for approval.
- (c) The title and assessors of the dissertation will be submitted to the Faculty Board, one year prior to completion for final approval only on recommendation of the FHS EXCO.
- (d) On completion of the dissertation and on approval by the Faculty Board, the dissertation will be assessed by two external and one internal assessor(s).

**Rule AGH1.4                      Pass requirements**

- (a) According to the stipulations 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 50% must be obtained for each of the themes in the MOTS7905 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 MAY be granted.
- (c) Dissertation: To pass the dissertation the requirements as stipulated in General Rule A83.5.3 apply.
- (d) Pass with distinction: See General Rule A83.5.3

**Rule AGH1.5                      Assessment**

Assessment is conducted as follows:

With regard to MOTR8900 dissertation:

- (i) A committee appointed by the School for Allied Health Professions and the HSREC 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 assessors and one internal assessor.

**Additional examination**

See UFS General Rules.

**Rule AGH2                      RULES FOR THE DEGREE MASTER OF SCIENCE IN DIETETICS**

**Rule AGH2.1                      Admission requirements**

A student must comply with the stipulations of the UFS General Rules for Master's degrees and with the rules of the FHS.

- (a) Before a student may register for the degree Master of Science in Dietetics, he/she must be in possession of a four-year integrated BSc (Dietetics) qualification from this university or a cognate qualification deemed equivalent by the university. He/she must register as practitioner with the HPCSA. International students must provide evidence of registration with an accredited professional body in the country of origin. Admission is subject to selection. Students are required to complete an additional admission test, namely the TALPS.
- (b) The number of postgraduate students selected is subject to the availability/capacity of supervisors.
- (c) A student may be required to enrol for additional modules relevant to the field of study as occasional study as deemed necessary.

**Rule AGH2.2                      Duration of programme**

The programme extends over a minimum period of one year.

**Rule AGH2.3                      Curriculum**

Research Methodology    MRES7905    20 credits

A research methodology 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.

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 may be granted.

Dietetics Dissertation    MDTD8900    200 credits

Elucidation:

- (i) An evaluation committee of the School for Allied Health Professions will evaluate the research protocol.
- (ii) The evaluation committee gives approval for submitting the protocol to the HSREC.
- (iii) The title and name of the assessors of the dissertation have to be submitted to the Faculty Board, one year prior to completion for final approval on recommendation of the Faculty Management Committee.

**Rule AGH2.4                      Assessment**

Assessment is conducted as follows:

With regard to the MDTD8900 dissertation:

On completion of the dissertation (which may take the form of a full dissertation or two interrelated publishable manuscripts / published articles. On recommendation of the supervisor(s), the dissertation will be examined by two external assessors and one internal assessor

**Rule AGH2.5                      Pass requirements**

- (a) According to prescriptions of the General Rules, all required modules must be passed.

- (b) Research module (MRES7905): A minimum of 50% must be obtained in each of the themes in the module in order to proceed with the programme.
- (c) Dissertation (MDTD8900): To pass a dissertation all the prescriptions of the General Rules A83.5.3 have to be satisfied.
- (d) Pass with distinction: Refer to UFS General Rules A83.5.3

#### **Rule AGH 2.6 Additional examination**

See UFS General Rules

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### **MASTER OF NUTRITION MNutr (by dissertation)**

**240 Credits  
Study code BC888100**

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

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

A student must comply with the stipulations of the UFS General Rules for Master's degrees and with the rules of the FHS.

Before a student may register for the degree Master of Nutrition, he/she must be in possession of a relevant bachelor's qualification. Admission is subject to selection and the number of postgraduate students selected is subject to the availability/capacity of supervisors. A student is required to complete an additional admission test, namely the TALPS. A student may be required to enrol for additional modules relevant to the field of study as occasional study as deemed necessary.

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**

Research Methodology	MRES7905	20 credits
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A research methodology 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.

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 may be granted.

Nutrition Dissertation	MNUD8900	240 credits
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#### Elucidation:

- (i) An evaluation committee of the School for Allied Health Professions will assess the research protocol.
- (ii) The evaluation committee gives approval for submitting the protocol to the HSREC.
- (iii) The title and name of the assessors of the dissertation have to be submitted to the Faculty Board, one year prior to completion for final approval only on recommendation of the Faculty Management Committee.

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

Assessment is conducted as follows:

With regard to the MNUD8900 dissertation:

On completion of the dissertation and on recommendation of the supervisor, two external assessors and one internal assessor will examine the dissertation.

**Rule AGH3.5            Pass requirements**

- (a) According to prescriptions of the General Rules, all required modules must be passed.
- (b) Research module (MRES7905): A minimum of 60% must be obtained in each of the themes in the module in order to proceed with the programme.
- (c) Dissertation (MNUD8900): To pass a dissertation all the prescriptions of the General Rules A83.5.3 have to be adhered to.
- (d) Pass with distinction: Refer to UFS General Rules A83.5.3

**Rule AGH3.6    Additional examination**

See UFS General Rules.



**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 UFS General Rules for Master's degrees and the rules of the FHS.

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 cognate 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 cognate qualification deemed equivalent by the Senate.
- (c) A student must be registered as a physiotherapist with the HPCSA.
- (d) Admission is subject to selection by the EXCO 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 EXCO 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 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 an acceptable research protocol during the first year of study.
- (iii) A mini-dissertation and publishable, 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 FHS, UFS.
- (b) The research protocol must be approved by the HSREC.
- (c) After completion of the mini-dissertation, and on recommendation of the supervisor(s), it will be submitted for external examination.

**Pass requirements**

See UFS General Rules.

**Additional examination**



On completion of the dissertation /publishable, interrelated manuscripts /published articles and on recommendation of the supervisor, two external and one internal assessor will examine the dissertation or publishable, interrelated manuscripts /published articles.

### Pass requirements

- (a) According to prescriptions of the General Rules, all required modules must be passed.
- (b) Research module (PTMM7905): A minimum of 50% must be obtained in each of the themes in the module in order to proceed with the programme.
- (c) Dissertation (PTMD8900): To pass a dissertation all the prescriptions of the General Rules A83.5.3 have to be satisfied.
- (d) Pass with distinction: Refer to UFS General Rules A83.5.3

### Additional examination

Refer to UFS General Rules.

## MASTER OF SCIENCE IN PHYSIOTHERAPY WITH SPECIALISATION IN SPORTS PHYSIOTHERAPY

240 Credits

MSc (Physiotherapy) (by coursework and mini-dissertation) (*in abeyance*)

Study code BC872001

### 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 cognate qualification deemed equivalent by the university, provided that additional requirements may apply in this case.
- (c) Has full registration as a physiotherapist with the HPCSA.

Admission is subject to selection by the EXCO of the Department of Physiotherapy. The department may recommend postponing admission for one year, should not enough applications be received.

The student will be required to successfully complete a research methodology course offered by the School for 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**

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

- **Clinical training**

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

- **Research**

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

**Rule AGH4.3.4            General**

Coursework will be presented for 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 / logbooks, 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 HSREC.
- (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 UFS General Rules.

- (a) A student will only be allowed to the second study year if a research protocol had been 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 UFS General Rules.

A student will qualify for a clinical additional examination in PTCT7908 if a final mark of between 40% and 45% is obtained in the examination.

**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 UFS General Rules for Master's degrees and the rules of the FHS.

**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 cognate qualification deemed equivalent by the university.
- (b) Is registered as an optometrist with the HPCSA.
- (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**

Coursework (80 credits) plus a mini-dissertation (100 credits)

*Year 1: Modules on compulsory themes:*

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

*Year 2: Compulsory modules:*

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

**Rule AGH5.1.4 Assessment**

- (a) Competency will be proved by demonstration of stated outcomes in order to comply with standards set by the university and the faculty. Efficiency and competence in the achievement of stated outcomes and general performance in Optometry and as researcher will be assessed. Students will be required to offer proof of competency through various means, including portfolios / logbooks, 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 UFS General Rules
- (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 UFS General Rules.

**Additional examination**

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See UFS General Rules.

**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 cognate qualification deemed equivalent by the university.
- (b) Is registered as an optometrist with the HPCSA.
- (c) Has obtained an average mark of at least 60% in his/her final year of the abovementioned Optometry study.

**Rule AGH5.2.2                Duration of programme**

The programme extends over a minimum period of one year.

**Rule AGH5.2.3                Curriculum**

Dissertation	OPMS8900	180 credits
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**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 may be granted.
- (b) After evaluation of the protocol by an evaluation committee in the school, it is approved by the EXCO of the SAHP and submitted to the Faculty Management Committee.
- (c) The research protocol will be approved by the HSREC.
- (d) The title of the dissertation will be submitted to the Faculty Board for approval after it had been approved by the Research Committee of the School for Allied Health Professions.
- (e) The dissertation will be submitted to the external assessors on recommendation by the supervisor. (f) The student will publicly defend the dissertation in the presence of the external assessors.

**Pass requirements**

See UFS General Rules.

**Additional examination**

See UFS General Rules.

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**DOCTORAL DEGREES**

**360 Credits**

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

**Rule AGH7.1                Admission requirements**

The UFS General Rules in respect of Doctoral degrees apply *mutatis mutandis* to this faculty.

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For admission to registration for the Doctoral degrees, a student must comply with the stipulations of the UFS 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.

Doctoral Degrees may be obtained in the following disciplines in the FHS:

Dietetics	PDET9100	Study code: BC895500	360 credits
Nutrition	PNUT9100	Study code: BC895200	360 credits
Physiotherapy	PTDP9100	Study code: BC895400	360 credits
Occupational Therapy	PDOT9100	Study code: BC895300	360 credits

Elucidation:

A committee, as appointed by the School for Allied Health Professions and the HSREC, 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**.



**SCHOOL OF CLINICAL MEDICINE / SCHOOL OF PATHOLOGY / SCHOOL OF BIOMEDICAL SCIENCES**

**BACHELOR OF MEDICAL SCIENCE HONOURS BMedScHons**

**Minimum 120 Credits**

**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 UFS General Rules for Bachelor Honours degrees and the rules of the FHS.

At registration for the degree BMedScHons (Medical Physics), it is required for any student to register with the Health Professions Council of South Africa as intern medical physicist. Registration as medical physicist occurs after obtaining the BMedScHons qualification and at least two years' appropriate training in a university-bound training unit recognised by the HPCSA and under supervision of a registered medical physicist, provided that of the two years training, one year may take place 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 ( <i>In abeyance</i> )	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.

**Curriculum**

- (ii)**
1. Laboratory technique
  2. Histochemistry and Immunohistology
  3. Electron Microscopy
  4. Mechanisms of Basic Pathology

**(iii)**

**Assessment**

Assessment of the prescribed disciplines is conducted as follows:

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

120 credits

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- Pass requirements**  
(iv) See UFS General Rules.

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**2. Anatomy and Cell Morphology**

**Study code BC863000**

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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 BMedScHons on the understanding that the student may be required to do additional work. Admission is subject to selection and the applicant must contact the postgraduate subject head of Human Anatomy and Cell Morphology. Students will be selected after a personal interview and assessment of academic merits.

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

**(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 examination is written in each of the following modules ANHG6808 and ANHC6808. A student must submit an assignment(s) dealing with an approved project(s) in the ANHS6808 and ANHP6808 module(s), at least one month before the commencement of the assessment(s) concerned. The mark obtained in the respective assignment(s) will form part of the pass mark for the specific module as specified in module guide.

**(iv) Pass requirements**

See UFS General Rules.

**3. Chemical Pathology**

**Study code BC863300**

**(i) Admission requirements**

BMedSc in Biochemistry and Physiology or an equivalent qualification, on the unc may be required to do additional work.

**Curriculum**

- (ii)**
1. Advanced Human Biochemistry
  2. Chemical Pathology
  3. Laboratory Practice

**Assessment**

120 credits

**(iii) MCHD6800**

Two three-hour assessment papers  
 One practical assessment  
 One oral assessment  
 One mini-dissertation

**Pass requirements**

- (iv)** See UFS General Rules.

**4. Haematology and Cell Biology (*In abeyance*)**

**Study code BC863700**

**(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
<b>Syllabus</b>		
(a)	Basic Research Principles	
(b)	Submission of a research report in consultation with the HOD 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 UFS General Rules.

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**5. Human Genetics (*In abeyance*)** **Study code 8540**

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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.

**Curriculum**

- (ii) (a) Module 1 - Writing of scientific reports  
Module 2 - Cancer Genetics  
Module 3 - Molecular Biology (lectures and practicals)  
Module 4 - Human Genetics – Cytogenetics  
Module 5 - Human Genetics – Cytogenetics practical applications  
Module 6 - Human Genetics – Molecular Genetics  
Module 7 - Human Genetics – Molecular Genetics practical applications  
Module 8 - Clinical Genetics  
Module 9 - Research Report and Seminar
- (b) Participation in the academic programme 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)

**Pass requirements**

- (v) (a) Except where a subminimum in specific disciplines has been approved by the university, the pass mark 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 a weighted average mark of at least 75%.

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**6. Human Molecular Biology** **Study code BC864100**

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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 MBGP6816 Research: Literature study 24 credits MBGR6828 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 assignments as well as a three-hour examination.  
 (b) MBGP6826 and MBGR6818 are assessed in a written scientific report 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 UFS.

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**7. Immunology (*In abeyance*) Study code BC863800**

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**(i) Admission requirements**

BMedSc or an equivalent qualification with appropriate curriculum composition.

**(ii)**

<b>Curriculum</b> 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 HOD concerned.

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

**Assessment**

- (iii)** (MIMI6800; MIMH6800; MIMC6800)  
 Two written papers.  
 One practical assessment, and  
 One oral assessment per semester.

**(iv) Pass requirements**

See UFS General Rules.

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**8. Medical Microbiology and Virology Study code BC863900**

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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 or the Division of Virology 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 UFS General Rules.

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**9. Medical Physics**

**Study code BC863500**

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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 HOD 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 HOD before 30 September of the previous year.

**(ii) Curriculum Module**

**First Semester**

MPRS6814	Radiation Physics	16 credits	PHYS6814/24	Quantum Mechanics	16 credits	PHYI6874/84	Semiconductors	16 credits	MATN6814	Digital Image Processing	16 credits
MPRS6808	Research in Medical Physics						32 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 module.

**Admission to assessment opportunity**

To gain admission to the assessment, a minimum module mark of 40% is required in modules MPRS6814, MPRS6808, MPRS6824, MPRS6844, MPRS6864 and MPRS6884.

Composition of module marks for modules MPRS6814, MPRS6808, 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, MPRS6808, MPRS6824, MPRS6844, MPRS6864 and MPRS6884**

Students are required to utilise the first assessment opportunity for all modules offered in the School of Clinical 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 UFS General Rules.

**(vii) Re-assessment** See UFS General Rules.

The UFS General Rules 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 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 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.

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**10. Medical Physiology**

**Study code BC863600**

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**(i) Admission requirements**

- (a) The BMedSc/BSc or equivalent qualification with Physiology as major discipline.
- (b) Admission is subject to selection and the applicant must contact the postgraduate subject head of Human Physiology. Students will be selected 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 HOD. (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 postgraduate subject head briefs the student regarding assignments.
- (b) A typed report and/or seminars must be submitted to the postgraduate subject head at least one month prior to the assessment.

**(iv) Pass requirements**

See UFS General Rules.

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**11. Pharmacology (Analytical/Clinical)**

**Study code BC863400**

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**(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 HOD.

**(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 UFS General Rules.

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**MASTER OF MEDICINE**  
**MMed**

**480/600 Credits**

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## Rule MGH2

## RULES FOR THE MASTER OF MEDICINE DEGREE

A student must comply with both the stipulations of the UFS General Rules for Masters' degrees and the Rules of the Faculty of Health Sciences (FHS).

In accordance with the rules and regulations of the HPCSA, all students who commenced training after 1 January 2011 must write the final professional examinations (final specialist examinations) of the HPCSA as contracted to the CMSA at present. The resulting mark will then constitute the outcome mark of the final MMed examinations. NAMB7900 will still be evaluated separately and a percentage mark is allocated.

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

### Rule MGH2.1 Disciplines

The degree may be obtained in the following disciplines:

1. Anaesthesiology	11. Forensic Medicine	21. Ophthalmology
2. Anatomical Pathology	12. Haematology	22. Orthopaedic Surgery
3. Cardiothoracic Surgery	13. Internal Medicine	23. Otorhinolaryngology
4. Chemical Pathology	14. Medical Genetics	24. Paediatrics
5. Clinical Pathology	15. Medical Microbiology	25. Paediatric Surgery
6. Clinical Pharmacology	16. Medical Virology	26. Plastic Surgery
7. Community Health	17. Neurology	27. Psychiatry
8. Diagnostic Radiology	18. Neurosurgery	28. Radiation Oncology
9. Emergency Medicine	19. Nuclear Medicine	29. Surgery
10. Family Medicine	20. Obstetrics & Gynaecology	30. Urology

### Rule MGH2.2 Admission requirements

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

- (a) The student must have been in possession of the MBChB degree from the UFS for a period of at least three years, or a cognate qualification deemed equivalent by the UFS.
- (b) The student must be fully registered as a medical practitioner with the HPCSA for independent practice in terms of the Health Professions Act no. 56 of 1974.
- (c) In the case of numerous 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. The foreign students register as postgraduate students at the HPCSA. If successful, these students may obtain a degree, but will not be able to practise in South Africa without approval and registration by the HPCSA.
- (d) 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 FHS. Training commences after the student has been appointed in abovementioned post and after he/she has received an HPCSA training number from the Postgraduate Administrative Office of the FHS.

#### Elucidation:

- (i) The student registers in the first year of the MMed programme at the FHS as a postgraduate student and is allocated a student number.
- (ii) For MMed **four-year programmes** the student must simultaneously register at the HPCSA as registrar in training and is allocated a HPCSA board number. The last two years of the programme must be completed without interruption.
- (iii) For MMed **five-year programmes** the student must register with the UFS 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/NHLS. 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 UFS requires five years for training whereas the HPCSA does not make provision for five-year programmes – it regards all postgraduate programmes as four-year programmes. To overcome the aforementioned, 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 UFS and for four years (from the second year of study) at the HPCSA. For **MMed Ophthalmology** a student registers with the UFS as a postgraduate student in the first year of the MMed programme and is simultaneously appointed as registrar in the relevant department at the Academic Hospital Complex. 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 UFS requires four and a half years for training whereas the HPCSA does not make provision for four and a half years – it sees all postgraduate programmes as four-year programmes. To overcome the aforementioned, students in Ophthalmology register at the HPCSA only after six months in a registrar post. By implication, a student in the Ophthalmology programme is registered for four and a half years at the UFS and for four years at the HPCSA. The last three years of the programme must be completed without interruption.

- (iv) After the first year, the student must register annually at the beginning of each year as a postgraduate student at the UFS 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 (for more than one month per year, including incapacity leave 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 for four- and five year programmes, 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 UFS 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 of 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 HOD and approval of the EXCO of the relevant school, 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 registering as a postgraduate student.
- (ii) Sufficient experience must be proven by means of a portfolio/ logbook and endorsement by the head of the division or department where experience was gained. The aforementioned information of a currently registered student must then be assessed and approved by the HOD as equal to the first year of training in the discipline as a registrar.
- (iii) Applications for exemption of residency time must be submitted not before 24 months and not later than 30 months after registration as a postgraduate student <sup>1</sup>. Additional requirements to apply for exemption of residency time are as follows: Completion of NAMA7903, MGPV7900, primary examination and after obtaining HSREC approval for the NAMB7900 research protocol. No applications will be considered without compliance to the aforementioned.

### **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 discipline under which the major module falls (see Rule MGH2.6).
- (b) Upon appointment and annually thereafter, registrars must register both as a student at the UFS and as a registrar with the HPCSA. Read in conjunction with Rule MGH2.2 Elucidation (ii) (iii) and (iv).

<sup>1</sup> Late application may make it impossible to complete all the rotations in time.

## Rule MGH2.5 Clinical experience

The HPCSA recognises only a registrar post as a training post.

## Rule MGH2.6 Curriculum

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

### Rule MGH2.6.1 General curriculum compulsory for all disciplines

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

#### NAMA7903 Research Methodology

Research Methodology comprises of two parts namely

- Part A - Theoretical component (attendance plus successful completion of assignments) Part
- B - HSREC approval for the research protocol

#### Elucidation:

Successful completion of NAMA7903 entails the following:

- (i) A minimum attendance rate of 75% is required.
- (ii) Pass Ethics online modules 1 and 3.1 of TRREE.
- (iii) Pass two of three assignments (Only one assignment can be passed on a second attempt).
- (iv) The theoretical component of Research Methodology (NAMA7903) must be successfully completed **within the first 12 months** after registration as a student and HSREC approval of the research protocol for NAMB7900 must be obtained **within 24 months** after registration as a student.
- (v) A student who does not comply with these conditions cannot continue with the MMed programme without written approval. Only in **exceptional circumstances** may the HOD submit a written recommendation, together with an academic progress report compiled by the postgraduate administration office, to the EXCO of the relevant school. Following the aforementioned, the head of the relevant school will make a formal written recommendation to the Dean to request permission to continue with the programme. A student may only continue with the MMed programme with written approval from the Dean.

#### NAMB7900 Mini-dissertation

In order to be admitted to NAMB7900 (Mini-dissertation) a student must have successfully completed Research Methodology (NAMA7903).

Please note:

MMed (Community Health) - Study Code BC873000: Module code for the mini-dissertation MVKS7900  
MMed (Family Medicine) - Study Code BC875300: Module code for the mini-dissertation MRPD7900 (The same rules pertaining to module NAMB7900 applies to modules MVKS7900 and MRPD7900)

#### Elucidation:

- (i) The MMed Research Report comprises one of the following:
  - A full research project.
  - A critical academic analysis of peer-evaluated publications (meta-analysis).
- (ii) For all disciplines, the protocol for the mini-dissertation (NAMB7900) must be approved by the HSREC. A copy of the final approval (as well as applicable Department of Health/NHLS/institutional) approval must be submitted to the Postgraduate Administration office, together with a timeframe for completion of NAMB7900.
- (iii) Mode of presentation [UFS General Rule A74 (iii) (bb)]:  
A Master's by coursework involves a mini-dissertation or one publishable manuscript/published article in the place of a mini-dissertation.
- (iv) Disciplines individually determine which mode of presentation is appropriate.

- (v) [UFS General Rule A74 (iii) (aa)]: An introduction and a conclusion must form part of the research work that has been done by the student when publishable manuscripts/published articles are submitted in the place of a mini-dissertation (Guidelines on mode of presentation is available from the Postgraduate Administration office).
- (vi) The mini-dissertation/publishable manuscript/published article has to be submitted for assessment 6 months before the final exit examination is to be written. A student who has not submitted the minidissertation/publishable manuscript/published article may not register for the final exit examination. Only in **exceptional circumstances** may the HOD submit a written recommendation, together with an academic progress report compiled by the Postgraduate Administration office, to the EXCO of the relevant school for permission to register for the final exit examination.

**Assessment:**

- (i) All UFS General Rules pertaining to the assessment of the mini-dissertation/publishable manuscript/published article of the professional coursework Master's Degree applies.
- (ii) The mini-dissertation/publishable manuscript/published article has to be assessed by two assessors, of which at least one has to be an external assessor.
- (iii) The HOD will be responsible for nominating either one external (a person not affiliated with the university and regarded as an expert in the field) and one internal assessor (who must not be either the supervisor or cosupervisor), or two external assessors for the assessment of the mini-dissertation/publishable manuscript/published article.
- (iv) As soon as the supervisor has indicated that the student is ready to submit, the HOD should supply the postgraduate administration office with the names and contact details of the nominated assessors, after which the postgraduate administration office will officially notify the assessors of their nomination.
- (v) The mini-dissertation/publishable manuscript/published article must be submitted to the postgraduate administration office who will then forward the documents to the assessors. All assessors' reports, mark sheets and communication must be submitted via the postgraduate administration office.
- (vi) The mini-dissertation/publishable manuscript/published article (NAMB7900) must be passed individually in order for the MMed degree to be conferred. The HPCSA will be notified of compliance with the research component of the MMed degree with this mark in order to register as specialist.

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**B. Health Care Practice**

**Attendance**

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**MGPV7900**

**Health Care Practice**

Elucidation:

- (i) An attendance rate of 100% is required.
- (ii) Before the MMed degree can be obtained a student must pass module MGPV7900 by means of attendance.
- (iii) Medical ethics and rights, patient communication, practice management, information systems, relevant policy and orientation could be included in the syllabus.
- (iv) MGPV7900 must be completed within the **first 24 months after registration** as a student.

**Rule MGH2.6.2**

**Discipline-specific curricula**

*Professional portfolio/ logbook:*

A professional portfolio of evidence must be kept which includes all academic and clinical activities and this should include a logbook of procedures performed.

Formal assessment of the portfolio / logbook will be done bi-annually as per HPCSA requirement.

The curricula of the various disciplines in which the MMed degree can be obtained comprise of the compulsory modules mentioned in Rule MGH2.6.1 as well as the relevant major module, basic modules and subsidiary modules 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.

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

<b>1. Anaesthesiology – MMed (Anaesthesiology)</b>		<b>Study code BC870400</b>		<b>480 Credits</b>
<b>(including compulsory general modules)</b>				
<b>Part I:</b>	Basic modules	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 modules :	MANS7900	Anaesthesiology portfolio/ logbook	204 credits
		NAMB7900	Mini-dissertation/ publishable manuscript/published article	64 credits

**Elucidation:**

- (i) On the recommendation of the HOD and approval by the EXCO of the relevant school, 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.
- (ii) The professional HPCSA single exit examination will be considered as equivalent to the Part II examination. No internal Part II examination will be presented.
- (iii) The portfolio, including the following, must be handed in before sitting for the final assessment:
  1. Mini-dissertation/ publishable manuscript/published article (NAMB7900 in terms of Rule MGH2.6.1).
  2. Logbook
  3. Proof of training assignments completed, including attendance modules NAMA7903 and MGPV7900, as well as other assignments.
- (iv) Additional curricula information is available from the HOD of Anaesthesiology and on the UFS website.
- (v) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (vi) The awarding of the degree is subject to passing the main module (MANS7900), three months' residency in a critical care unit, and the submission of a comprehensive portfolio / logbook as aforementioned under (iii) .The final examination, mini-dissertation/publishable manuscript/published article and aspects of continuous assessment are assessed.

Residency (RES): Four years.

<b>2. Anatomical Pathology – MMed (Anatomical Pathology)</b>		<b>Study code BC870300</b>		<b>480 Credits</b>
<b>(including compulsory general modules)</b>				
<b>Part I:</b>	Basic modules:	MANP7900#	Anatomical Pathology	120 credits
				# Approved facet(s) of MCEP7900, MHEA7900, MMKA7900, MVIA7900 and MANP7900 (see Rule MGH2.7.1).
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part II:</b>	Major module:	MANM7900	Anatomical Pathology	284 credits
		NAMB7900	Mini-dissertation	64 credits

**Elucidation:**

- (i) Possible recognition may be granted by the EXCO of the relevant school for the three modules below:
  - \*MCEB7900 Chemical Pathology 175 credits
  - \*MHEM7900 Haematology 175 credits
  - \*MMKM7900 Microbiology 175 credits
- (ii) \*One or two of the aforementioned modules may be offered in consultation with the Head of Department(s) concerned.
- (iii) On the recommendation of the HOD and approval by the EXCO of the relevant school, Part I of the College of Pathology of South Africa (Anatomical) is recognised as equivalent to the MMed Part I. Students are required to sit for the former.

- (iv) Students must have completed 18 months as a registrar before writing the Part I examination. Part 1 must be fully passed at 30 months from the start of residency period of the programme.
- (v) The approved curriculum of the College of Pathologists SA (Anatomical) for both Parts I and II will apply. A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (vi) The portfolio/logbook as prescribed by the College of Pathologists SA (Anatomical) must be kept up to date and approved by the HOD before admittance to the final examination.

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 BC871300**  
**600 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic modules	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	60 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part II:</b>	Subsidiary modules:	MCHI7900	General Surgery principles including Intensive Care	152 credits
<b>Part III:</b>	Major modules:	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 HOD (ii) A portfolio/logbook must be kept.
- (iii) On the recommendation of the HOD and approval by the EXCO of the relevant school, Part I and II of the assessment of the College of Cardiothoracic Surgeons of South Africa are recognised as equivalent to the MMed (Cardiothoracic Surgery) Part I and II, and students are encouraged to sit for the former.
- (iv) The topic for and nature of the mini-dissertation/ publishable manuscript/published article is determined in consultation with the HOD.
- (v) The final examination must be written in the final year 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.
- (vi) The major module and mini-dissertation/ publishable manuscript/published article must be passed individually before the degree is conferred.
- (vii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Five years.

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**4. Chemical Pathology – MMed (Chemical Pathology) Study code BC870500**  
**480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic modules:	MCEM7900#	Chemical Pathology	120 credits			
		#Approved facet(s) of MCEP7900, MHEA7900, MMKA7900, MVIA7900 and MANP7900 (see Rule MGH2.7.1)					
	NAMA7903	Research Methodology	12 credits	MGPV7900	Health	Care	Practice
			Attendance				
<b>Part II:</b>	Major modules:	MCEB7900	Chemical Pathology	284 credits			
		NAMB7900	Mini-dissertation	64 credits			

Elucidation:

- (i) Possible recognition may be granted by the EXCO of the relevant school for the three modules below:

\*MCEB7900 Chemical Pathology 175 credits \*MHEM7900 Haematology 175 credits  
 \*MMKM7900 Microbiology 175 credits

- (ii) \*One or two of the aforementioned modules may be offered in consultation with the HOD concerned.
- (iii) Part I of the College of Pathologists (Chemical Pathology) of the CMSA is recognised as being equivalent to the MMed (Chemical Pathology) Part I. Students are required to sit for the former.
- (iv) Part II of the College of Pathologists (Chemical Pathology) (FCPath(SA)Chem Part II) is recognised as equivalent to MCEB7900. Students are required to sit for the former.
- (v) In order to obtain the MMed (Chemical Pathology) degree, a student must have satisfied the requirement of modules NAMA7903, MGPV7900, MCEM7900, NAMB7900. Permission to sit for the FCPath(SA) Chem 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 / logbooks, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.
- (vii) The approved curriculum of the College of Pathologists SA (Chemical Pathology) for both Parts I and II will apply.
- (viii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination
- (ix) The portfolio/logbooks as prescribed by the College of Pathologists SA (Chemical Pathology) must be kept up to date and approved by the HOD before admittance to the final examination.

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) (*In abeyance*) Study code BC871500\***  
**480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic Modules:	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 Modules:	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/ publishable manuscript/published article (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 examination paper, laboratory practical and oral examination in each of the three disciplines.
- (v) On the recommendation of the HOD and approval of the EXCO of the relevant school,, the College of Pathologists (Clinical Pathology) (FCPath(SA)Clin Part II) of the CMSA is recognised as equivalent to MKLP7900. In order to obtain the degree MMed (Clinical Pathology), a student must have satisfied the requirement of modules NAMA7903, NAMB7900 and MGPV7900. Permission to sit for the FCPath(SA)ClinPart II may 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 / logbooks, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.
- (vii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Four years.

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**6. Clinical Pharmacology– MMed (Clinical Pharmacology) Study code BC870041**  
**480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic Modules	MCPP7900	Principles of Clinical Pharmacology	124 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part II:</b>	Major Modules	MCPA	Allied Clinical Pharmacology	280 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

i) Part I examination within 15 months from start of residing period – consists of:

- Two written papers of 3 hours each (50% combined mark for the two written papers ),
- 3 monthly assessment of progress,
- 3 monthly self-assessment of progress and
- Portfolio / logbook ii) Part II examination after completion of 3 years full-time post-internship training as

a registrar/clinical assistant in either of the following combinations: All 3 years in a teaching hospital department of pharmacology OR 2 years in a teaching hospital department of pharmacology plus one year as a registrar in satellite clinical teaching department (25% of clinical pharmacology training must be in clinical care). The examination consists of:

- Written examination: Two written papers on the principles and practice of clinical pharmacology and therapeutics (3 hours each)
- Practical examination: Objective Structured Clinical Examination: This includes clinical slides, interpretation of laboratory results, and short case-histories
- Oral examination: Students will be assessed on their ability to apply the principles of clinical pharmacology and therapeutics to complex clinical and policymaking scenarios In order to pass the examination, students must obtain:

• 50% or more for the combined mark from the two written papers, AND • 50% or more for the OSCE, and

- 50% or more for the oral examination

The three components of Part II of the examination will be weighted as follows:

- Two written papers will contribute 50% to the final mark (25% for each paper)
- The OSCE will contribute 20% to the final mark
- Oral examination will contribute 30% to the final mark iii) Furthermore, the students will also be

assessed by:

- 3 monthly assessment of progress
- 3 monthly self-assessment of progress
- Portfolio / logbook iv) Research Methodology module:

- a. Written examination testing core competencies on completion of the theoretical module.
- b. Assessment of research report o Initial research protocol must be presented to and approved of by the HOD, and Research Committees as well as the relevant Faculty Committee.
- c. The progress will be monitored by the supervisor(s) of that specific project.
  - i. The completed research project will be assessed according to university guidelines with internal and external assessment as prescribed.
  - ii. The student will give an oral presentation on completion of the research project.

Residency (RES): Four years.

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**7. Community Health – MMed (Community Health) Study code BC873000**  
**480 Credits (including compulsory general modules – excluding NAMB7900)**

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<b>Part I:</b>	Basic Modules:	MVKG7900	Communicable and	60 credits
			non-communicable health-related conditions	



MVKA7900	Administration/management	
	Theory and behavioural studies	60 credits
MVKT7900	Theory of epidemiology,	
	Biostatistics and demography	60 credits
NAMA7903	Research Methodology	12 credits
MGPV7900	Health Care Practice	Attendance

**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 Modules:	MVKA7900	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 assessment for Part II will consist of the formal unitary assessments as determined by the HPCSA (currently the formal assessment of SA College of Public Health Medicine) – see Rule MGH 2.7 in this Rule Book. Any additional assessment as deemed necessary will be a practical assessment based on the recommendation of the HOD.
- (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 will be used as the assessment for MVKA7900 providing that the student complies with conditions/regulations set by the SA College of Public Health Medicine. This assessment may not be written if the six-monthly formal assessment reports from the HOD indicate that the student is not yet ready and not before the end of the third year of training.
- (iv) The student must have completed and passed MVKS7900 before he/she can report for the assessment of MVKA7900.

Continuous formative and summative academic assessment forms part of the final assessment of the MMed degree in Community Health and the Head of Department must approve the formative assessment forms prior to admission to the Part II (final) examination.

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 HOD.

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**8. Dermatology – MMed (Dermatology) (No new students will be allowed to register for this qualification in 2020. These rules will only apply to students who are currently registered for this qualification.)** Study code BC870700 480 Credits (including compulsory general modules)

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Part I: Basic subjects:	PHMM7900	Physiology (Medicine)	60 credits
	ANMM7900	Micro-anatomy	60 credits
	NAMA7903	Research Methodology	12 credits
	MGPV7900	Health Care Practice	Attendance

Part II: Major subjects:	MDER7900 Dermatology	224 credits
	MPLH7900 Pathology of the skin	60 credits
	(Both major subjects must be passed simultaneously)	
	NAMB7900 Mini dissertation	64 credits

Elucidation:

- (i) On the recommendation of the Head of Department and approval of the Executive Committee, School of Clinical Medicine, Part I of the College of Dermatology of South Africa is recognised as equivalent to the MMed Part I. Candidates are required to sit for the former.
- (ii) 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 may 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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**9. Diagnostic Radiology – MMed (Diagnostic Radiology) Study code BC870800**  
**600 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic Modules:	ANMR7900	Anatomy and Radiological	
			Anatomy	60 credits
		MPMR7900	Radiological Physics	60 credits
<b>Part II:</b>	Subsidiary module:	NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
		PHMM7900	Physiology (Medicine)	60 credits
		PATR7900	Pathology	60 credits
		RADP7900	General Radiology Principles	92 credits
<b>Part III:</b>	Major module:	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 the aforementioned in writing.
- (ii) On the recommendation of the HOD and approval by the EXCO of the relevant school exemption from the university's primary examination may be granted if the student has already passed the primary examination of the CMSA
- (iii) MMed (Diagnostic Radiology): Examination 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 as a postgraduate student for the qualification.
- (iv) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Five years.

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**10. Emergency Medicine – MMed (Emergency Medicine) Study code BC875500**  
**480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic Modules:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	60 credits

		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practicte	Attendance
<b>Part II:</b>	<b>Major Modules:</b>	MEMM7900	Emergency Medicine	224 credits
		NAMB7900	Mini-dissertation	64 credits

#### Elucidation:

- (i) Students must keep a portfolio / logbook in which all cases and the required emergency care are recorded. The portfolio / logbook must be handed in before Part II of the examination is written.
- (ii) The sequence of a different residency disciplines will be determined by the HOD.
- (iii) The curriculum for both Part I and II is explained in the portfolio / logbook.
- (iv) The residency may be performed partially or completely in the Kimberley Hospital Complex.
- (v) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Four years.

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<b>11. Family Medicine – MMed (Family Medicine)</b>	<b>Study Code BC875300</b>
<b>480 Credits</b> (including compulsory general modules but excluding NAMB7900; NAMB7900 is substituted by MRPA/B/C/D7904)	

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#### **Admission requirements**

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

- (a) Have registered as a medical practitioner with the HPCSA in terms of the Health Professions Act 56 of 1974 in a category as approved (in public sector or independent practice).

#### **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

NAMA7903 (12C)	Research Methodology
MGPV7900	Health Care Practice (Attendance)

#### **Plus: Any three of the following elective modules:**

- MMHA7902 (8C) Women'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: Three selected elective modules**

MMHB7902 (8C) Women'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 student 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: Three selected elective modules**

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

a. MRPD7900 will replace NAMB7900

**Plus: Three elective modules**

MMHD7906 (24C) Women'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 exit 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 show evidence of satisfactory progress of a mini-dissertation/ interrelated publishable manuscript/ published article in 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 Clinical Medicine.

### Pass mark and distinction

- (a) A minimum of 50% is required to pass an assessment.
- (b) The Master's degree is awarded with distinction if a student obtains a weighted 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/EMED7906	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 Clinical 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.

Residency (RES): Four years.

<b>12. Forensic Medicine – MMed (Forensic Medicine)</b>			<b>Study code BC870900</b>	
			<b>600 Credits (including compulsory general modules)</b>	
<b>Part I:</b>	Basic Modules:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		NAMA7903	Research Methodology	12 credits
<b>Part II:</b>	Subsidiary Modules	MGPV7900	Health Care Practice	Attendance
		MANF7900	Anatomical Pathology	152 credits
<b>Part III:</b>	Major Modules:	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.
- (iii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Five years.

<b>13. Haematology – MMed (Haematology)</b>			<b>Study code BC871000</b>	
			<b>480 Credits (including compulsory general modules)</b>	
<b>Part I:</b>	Basic Modules:	MHEA7900#	Haematology	120 credits
#Approved facet(s) of MCEP7900, MHEA7900, MMKA7900, MVIA7900 and MANP7900 (see Rule MGH2.7.1).				
NAMA7903 Research Methodology 12 credits MGPV7900 Health Care Practice Attendance				
<b>Part II:</b>	Major Modules	MHEB7900	Haematology	284 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) Possible recognition may be granted by the EXCO of the relevant school for the three modules below:  
\*MCEB7900 Chemical Pathology 175 credits \*MHM7900 Haematology  
175 credits

\*MMKM7900 Microbiology 175 credits

- (ii) One or two of the aforementioned modules may be offered in consultation with the HOD(s) concerned.
- (iii) On the recommendation of the HOD and approval of the EXCO of the relevant school, Part I of the College of Pathologists (Haematology) of the CMSA is recognised as being equivalent to the MMed (Haematology) Part I. Students are required to sit for the former.
- (iv) Part II of the College of Pathologists (Haematology) (FCPath(SA) HaemPartII) of the CMSA is recognised as equivalent to MHEB7900. Students are required to sit for the former. In order to obtain the degree MMed (Haematology), a student must have satisfied the requirement of modules NAMA7903, NAMB7900 and MGPV7900.
- (v) A detailed module guide fully describing the curricula, portfolios / logbooks, assessments and assessment requirements, research requirements, training duties, etc. is given to registrars and they must accept this in writing.
- (vi) The FCP Path (SA) Haem Part II of the CMSA must be written in the final year of the residency period.
- (vii) The approved curriculum of the College of Pathologists SA (Haematology) for both Parts I and II will apply.
- (viii) The portfolio / logbooks as prescribed by the College of Pathologists SA (Haematology) must be kept up to date and approved by the HOD before admittance to the final examination.
- (ix) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

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

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**14. Internal Medicine – MMed (Internal Medicine) Study code BC873300**  
**480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic modules:	MBWI7900	Basic sciences as related to the practice of Internal Medicine	120 credits
		NAMA7903 MGPV7900	Research Methodology Health Care Practice	12 credits Attendance
<b>Part II:</b>	Major modules	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 HOD.
- (ii) The portfolio / logbook as prescribed by the CMSA must be kept up to date at all times and must be approved by the HOD before admittance to the final examination.
- (iii) The approved curriculum of the CMSA for both Parts I and II will apply.
- (iv) The topic for and nature of the mini-dissertation/ publishable manuscript/published article is determined in consultation with the HOD.
- (v) The FCP (SA)Part II of the CMSA must be written as close to the end of the residency period as possible.
- (vi) The major module and mini-dissertation/ publishable manuscript/ published article must be passed individually before the degree can be conferred.
- (vii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

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

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**15. Medical Genetics – MMed (Medical Genetics) Study code BC874200**  
**480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic modules:	MMGA7900	Medical Genetics (Basic sciences)	142 credits
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		MPGC7900	Psychology (Counselling Skills)	60 credits
		NAMA7903	Research Methodology	12 credits
		MGPV7900	Health Care Practice	Attendance
<b>Part II:</b>	Major modules:	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 HOD 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) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (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 portfolio / logbook and certification thereof by the Head of the Programme (see Rule MGH2.3).

Residency (RES): Four years.

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**16. Medical Microbiology – MMed (Medical Microbiology) Study code BC871600**  
**480 Credits (including compulsory general modules)**

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**Part I:** Basic modules: MKMA7900 #Microbiology 120 credits  
Approved facet(s) of MCEP7900, MHEA7900, MMKA7900 and MVIA7900 (see Rule MGH2.7.1).

NAMA7903 Research Methodology 12 credits MGPV7900 Health Care Practice Attendance

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

Elucidation:

- (i) Possible recognition may be granted by the relevant school for the three modules below:
  - i. \*MCEB7900 Chemical Pathology 175 credits
  - ii. \*MHM7900 Haematology 175 credits
  - iii. \*MMKM7900 Microbiology 175 credits
(ii) \*One or two of the aforementioned modules may be offered in consultation with the HOD(s) concerned.
- (iii) On the recommendation of the HOD and the approval by the EXCO of the relevant school, exemption from the primary examination of the university may be granted on condition that the primary examination of the CMSA has already been passed.
- (iv) 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.
- (v) The module for the mini-dissertation/ publishable manuscript/published article will be determined in consultation with the HOD.
- (vi) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

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.



<b>17.</b>	<b>Medical Virology – MMed (Medical Virology)</b>	<b>Study code BC872900</b>	<b>480 Credits (including compulsory general modules)</b>
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**Part I:** Basic Modules: #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

**Part II:** Major Modules: MVIB7900 Virology 284 credits  
 NAMB7900 Mini-dissertation 64 credits

Elucidation:

- (i) On the recommendation of the HOD and approval by the EXCO of the relevant school, exemption from the University's primary examination may be granted if the student has already passed the primary examination of the CMSA.
- (ii) The topic for the mini-dissertation/ publishable manuscript/published article will be determined in consultation with the HOD.
- (iii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

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

<b>18.</b>	<b>Neurology – MMed (Neurology)</b>	<b>Study code BC871800</b>	<b>480 Credits (including compulsory general modules)</b>
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**Part I:** Basic Modules ANMN7900 Neuroanatomy 60 credits  
 PHMM7900 Physiology (Medicine) 60 credits  
 NAMA7903 Research Methodology 12 credits  
 MGPV7900 Health Care Practice Attendance

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

Elucidation:

- (i) The curriculum for Part I and II is determined by the HOD in accordance with CMSA requirements to satisfy the requirements of assessment.
- (ii) Total external assessment CMSA of Part I and Part II, satisfying the requirements as determined will serve as pass requirements of Part I – ANMN7900 (Neuroanatomy) 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) Relevant experience in clinical and neurophysiological skills must be supported by or submission of a portfolio/logbook and its certification (see Rule MGH2.3), or certification by the HOD of such experience.
- (iv) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Four years.

<b>19.</b>	<b>Neurosurgery – MMed (Neurosurgery)</b>	<b>Study code BC871700</b>	<b>600 Credits (including compulsory general modules)</b>
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**Part I:** Basic Modules: ANMG7900 Anatomy 60 credits  
 PHMM7900 Physiology (Medicine) 60 credits  
 MAPB7900 Anatomical Pathology 60 credits  
 NAMA7903 Research Methodology 12 credits  
 MGPV7900 Health Care Practice Attendance

Elucidation:

- (i) On the recommendation of the HOD an approval by the EXCO of the relevant school, Part I examination of the College of Neurosurgery receives recognition, but in addition to that Anatomy (ANMN7900) must also be passed. Anatomy involves basic and applied neuroanatomy relevant to the discipline of Neurosurgery.
- (ii) Continuous formative and summative clinical and academic assessment includes basic and applied general physiology, neuro-physiology and anatomical neuro-pathology..

**Part II:** Subsidiary modules: MCHI7900 General surgical principles including Intensive Care 152 credits

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

Elucidation:

- (i) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination. A student's surgical portfolio / logbook will be evaluated according to the CMSA, College of Neurosurgery of South Africa requirement before admission to the Part III (Final) examination in Neurosurgery.
- (ii) Either the MMed (Neurosurgery) or College of Neurosurgery South Africa Part II (Intermediate) examination may be completed at the discretion of the HOD.

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

20.	Nuclear Medicine – MMed (Nuclear Medicine)	Study code BC871400	480 Credits
		(including compulsory general modules)	
<b>Part I:</b>	Basic Modules:	ANMG7900	60 credits
		PHMM7900	60 credits
		MPMN7900	60 credits
			60 credits
			60 credits
		NAMA7903	12 credits
		MGPV7900	Attendance
<b>Part II:</b>	Subsidiary modules:	MRFM7900	90 credits
<b>Part III:</b>	Major modules:	MKKR7900	134 credits
		NAMB7900	64 credits

Elucidation:

- i) Students who passed Part I of the Fellowship of the College of Nuclear Physicians of South Africa (FCNP SA Part I) will be granted exemption from part I of the MMed (Nuclear medicine) at UFS pending the recommendation of the HOD and approval by the EXCO of the relevant school.
- ii) The HPCSA single exit examination will be considered the equivalent to the Part III examination. No internal Part III examination will be presented. iii) Part II module Radiopharmacy (MRFM7900) must be taken and passed between 24 and 36 months from start of residency period of the MMed.
- iv) Under the module NAMB700 will only a full research project be accepted and should preferably be in the format of a publishable, manuscript/published article. Further elucidation can be found under Rule MGH2.6.1. If the dissertation is not completed and handed in 6 months before the final examination, admission may be denied subject to the approval of the HOD and the EXCO of the relevant school.
- v) Rotation to other clinical disciplines will be in line with the requirements of the HPCSA's final exit exam.
- vi) A portfolio / logbook (digital and in hardcopy) of all diagnostic and therapeutic procedures is compulsory for each student and will form part of the final portfolio / logbook presented for acceptance into the final examination.
- vii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Four years.

**21. Obstetrics and Gynaecology – MMed (Obstetrics and Gynaecology) Study code BC871900**

**600 Credits (including compulsory general modules)**

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

Elucidation:

- (i) A portfolio/logbook (according to the FCOG guidelines) of all clinical work must be kept throughout all the years of study.
- (ii) The Department as well as the University recognises the FCOG (SA) Part I (A and B) as well as the MMed Part I for the MMed (Obstetrics and Gynaecology) degree.
- (iii) 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 & assessment, Embryology (module related). Research Methodology (NAMA7903) and Health Care Practice Management (MGPV7900) which are all mandatory before admission to Part II of the assessment (Intermediate).
- (iv) Satisfactory completion of **Ultrasound Portfolio** /Logbook by the end of **48 months** following registration is compulsory for admission to Part III (Final examination) of the assessment.
- (v) Part III (MOBG7900) (Final examination) of the course must be done during the last (fifth) year of residency.
- (vi) As a prerequisite for admission to the Part II of the Board Examination (SA College for Obstetricians & Gynaecologists) and/or the MMed (Obstetrics and Gynaecology) Part III the student must: a. Successfully complete Part I and II (*see points (ii)-(iv) above*) of the examinations.  
b. Submission and acceptance of an Ultrasound Portfolio in the prescribed format before 48 months following registration (*see Point (iv) above*).
- (vii) The MMed (Obstetrics and Gynaecology) degree will only be awarded once Part II of the Board Examination **as well as** Part III of the MMed (MOBG7900) have been passed.
- (viii) 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.
- (ix) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (x) A student's portfolio (including the logbook) will be evaluated according to the CMSA, College of Obstetrics and Gynaecology South Africa requirement before admission to the Part III (Final) examination.

Residency (RES): Five years.

<b>22. Ophthalmology – MMed (Ophthalmology)</b>		<b>Study code BC872100</b>		<b>480 Credits</b>
<b>(including compulsory general modules)</b>				
<b>Part I:</b>	Basic Modules:	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 Modules:	MOFT7900	Ophthalmology	164 credits
		NAMB7900	Mini-dissertation	64 credits

**Elucidation:**

- (i) A portfolio/logbook must be submitted and will serve for inspection at the final practical assessment.
- (ii) Anatomy and Physiology of Part IA of the College of Ophthalmologists of the Colleges of Medicine SA are recognised as being equivalent to the MMed (Ophthalmology) Part I; in addition Medical Optics and Pathology (CMSA Part IB) must be passed as part of the MMed (Ophthalmology) programme.
- (iii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (iv) The final examination must be written in the final year of the residency period.

Residency (RES): Four and a half years.

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**23. Orthopaedic Surgery – MMed (Orthopaedic Surgery) Study code BC872200**  
**600 Credits (including compulsory general modules)**

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

**Elucidation:**

- (i) On the recommendation of the HOD and approval by the EXCO of the relevant school, exemption from the University's primary examination may be granted if the student has already passed the primary examination of the CMSA. The same principle may apply to the intermediate examination.
- (ii) Part II and III of the assessment involve external assessment.
- (iii) A portfolio / logbook of standard format is compulsory.
- (iv) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (v) Passing the clinical examinations individually is a prerequisite for passing Part III.

Residency (RES): Five years.

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**24 Otorhinolaryngology – MMed (Otorhinolaryngology) Study code BC872300**  
**480 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic Modules:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	
		NAMA7903	General Principles	60 credits
		MGPV7900	Research Methodology	12 credits
			Health Care Practice	Attendance
<b>Part II:</b>	Major Modules:	MOTO7900	Otorhinolaryngology	224 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) On the recommendation of the HOD and approval by the EXCO of the relevant school, exemption from the MMed (Otorhinolaryngology) Part I on the basis of successful completion of the Colleges of Medicine SA Part I applies.
- (ii) Students are required to pass the FCORL (SA) Intermediate examination prior to entering the final examination.
- (iii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (iv) A portfolio/logbook in the format specified by the College of Otorhinolaryngologists is compulsory.

Residency (RES): Four years.

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<b>25. Paediatrics – MMed (Paediatrics)</b>	<b>Study code BC872400</b>	<b>480 Credits (including compulsory general modules)</b>
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**Part I:** Basic Sciences: MPEA7900 Paediatrics 180 credits

NAMA7903 Research Methodology 12 credits MGPV7900 Health Care Practice Attendance

Elucidation:

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

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

Elucidation:

- (i) MPEB7900 involves the principles and practice of paediatrics and child health.
- (ii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Four years.

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<b>26. Paediatric Surgery – MMed (Paediatric Surgery)</b>	<b>Study code BC875400</b>	<b>600 Credits (including compulsory general modules)</b>
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**Part I:** Basic Modules: ANMG7900 Anatomy 60 credits  
PHMM7900 Physiology (Medicine) 60 credits  
MAPB7900 Anatomical Pathology 60 credits

NAMA7903 Research Methodology 12 credits  
MGPV7900 Health Care Practice Attendance

**Part II:** Subsidiary Modules: MCHI7900 General surgical principles,  
including Intensive Care 152 credits

**Part III:** Major Modules: NAMB7900 Mini-dissertation 64 credits  
MPCH7900 Paediatric Surgery 192 credits

Elucidation:

- (i) On the recommendation of the HOD and the approval of the EXCO of the relevant school, exception from the university's primary examination may be granted if the student has already passed the primary examination of the Colleges of Medicine South Africa. The same principle may apply to the intermediate examination.
- (ii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (iii) *Portfolio of Learning*: Students must keep a portfolio/logbook in which all the surgical procedures performed or assisted are recorded. This portfolio/logbook must be submitted before Part III of the examination.
- (iv) Only successful completion of the final FCPaedSurg (SA) will be accepted as an exit examination for module MPCH7900.

Residency (RES): Five years.

<b>27. Plastic Surgery – MMed (Plastic Surgery)</b>		<b>Study code BC872500</b>		<b>600 Credits</b>
		<b>(including compulsory general modules)</b>		
<b>Part I:</b>	Basic Modules:	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>	Subsidiary Modules:	MCHI7900	General surgical principles including Intensive Care	152 credits
<b>Part III:</b>	Major Modules	MPUP7900	Plastic Surgery	192 credits
		NAMB7900	Mini-dissertation	64 credits

Elucidation:

- (i) On recommendation of the HOD and approval by the EXCO, School of Clinical Medicine, exemption from the university primary examination may be granted if the student has already passed the primary examination of the SA Colleges of Medicine. The same principle may apply to the intermediate examination.
- (ii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (iii) Students must keep a portfolio/logbook in which all the surgical procedures performed or assisted are recorded. This portfolio / logbook must be submitted before Part III of the examination is written.

Residency (RES): Five years.

<b>28. Psychiatry – MMed (Psychiatry)</b>		<b>Study code BC872600</b>		<b>480 Credits</b>
		<b>(including compulsory general modules)</b>		
<b>Part I:</b>	Basic Modules:	MSIL7900	Psychology	60 credits
		ANMN7900	Neuro-anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
			Research Methodology	12 credits
		NAMA7903	Health Care Practice	Attendance
	MGPV7900			
<b>Part II:</b>	Subsidiary modules:	MINP7900	Internal Medicine (Neurology and Psychopharmacology)	90 credits
<b>Part III:</b>	Major modules:	MPSG7900	Psychiatry	134 credits

Elucidation:

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

- (i) On the recommendation of the HOD and approval by the EXCO of the relevant school, 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 portfolio / logbook and have it signed by supervising consultants throughout.
- (iii) The requirements for admission to Part III are:
  - (a) The portfolio/logbook had been completed in accordance with FC Psych Part II requirements.
  - (b) At least 36 months of the training period have elapsed by the date scheduled for the examination.
- (iv) Detailed information on the curriculum is available from the HOD.
- (v) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Four years.

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**29. Radiation Oncology – MMed (Radiation Oncology) Study code BC872700**  
**480 Credits (including compulsory general modules)**

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

Elucidation:

- (i) The student must complete and pass Part I and Part II of the UFS MMed examination and the latter cannot be replaced with the College of Medicine SA primary examination.
- (ii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

Residency (RES): Four years.

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**30. Surgery – MMed (Surgery) Study code BC870600 600 Credits (including compulsory general modules)**

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<b>Part I:</b>	Basic modules:	ANMG7900	Anatomy	60 credits
		PHMM7900	Physiology (Medicine)	60 credits
		MAPB7900	Anatomical Pathology	60 credits
<b>Part II:</b>	Subsidiary Modules:	NAMA7903	Research Methodology	12 credits
		MCHI7900	General Surgical Principles	Attendance

			including Intensive Care	152 credits
<b>Part III:</b>		NAMB7900	Mini-dissertation	64 credits
	Major Modules:	MCHR7900	General Surgery	192 credits

**Elucidation:**

- (i) On the recommendation of the HOD and after the approval of the EXCO of the relevant school, exception from the MMed University's primary examination may be granted if the student has already passed the primary examination of the Colleges of Medicine South Africa. The same principle may apply to the intermediate examination.
- (ii) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.

*Portfolio of Learning:* Students must keep a portfolio/logbook in which all the surgical procedures performed or assisted are recorded. A student's surgical portfolio/logbook will be evaluated according to the CMSA, College of Surgery of South Africa requirement before admission to the Part III (Final) examination in Surgery. This portfolio/logbook must be handed in before Part III of the examination.

- (iii) Only successful completion of the final FCS (SA) will be accepted as an exit examination for module MCHR7900.

Residency (RES): Five years.

31	Urology – MMed (Urology)	Study code BC872800	600 Credits (including compulsory general modules)
<b>Part I:</b>	Basic modules:	ANMG7900	Anatomy 60 credits
		PHMM7900	Physiology (Medicine) 60 credits
		MAPB7900	Anatomical Pathology 60 credits
		NAMA7903	Research Methodology 12 credits
		MGPV7900	Health Care Practice Attendance
<b>Part II:</b>	Subsidiary Modules:	MCHI7900	General Surgery Principles including Intensive Care 152 credits
<b>Part III:</b>	Major Modules:	MURL7900	Urology 192 credits
		NAMB7900	Mini-dissertation 64 credits

**Elucidation:**

- (i) A pass mark must be obtained for continuous formative and summative clinical and academic assessment prior to admission to the Part II (final) examination.
- (ii) Each student is expected to keep a portfolio/logbook in which there are records of the continuous formative assessment of the student, 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/logbook 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 student is expected to deliver at least one presentation at the annual Faculty Forum.
- (iv) On recommendation of the HOD and on approval by the EXCO of the relevant school, exemption from the university's primary examination may be granted if the student has already passed the primary examination of the Colleges of Medicine SA. In addition, Anatomy (ANMG7900) must also be passed.
- (v) On recommendation of the HOD and on approval by the EXCO of the relevant school exemption from General Surgery Principles including intensive care (MCHI7900) may be granted if the student has already passed the intermediary examination of the Colleges of Medicine SA. (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.

Residency (RES): Five years.



## **APPLICABLE TO ALL MMED DEGREES:**

### **Rule MGH2.7 Assessment**

- (i) The single exit examination is hosted by the Colleges of Medicine SA(CMSA), on the instruction of the HPCSA. The CMSA presents the Written and Oral examinations twice a year. This examination will be recognised as equivalent to the final examination.
- (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 or the CMSA examinations.
- (iii) An MMed degree can only be conferred if all the modules are passed individually and timeously.
- (iv) The examination of the UFS modules may be written in June or November, only during the main examination opportunity.

Please note generic rule:

**General Rules 2020, A72.3(b)(i):** A student who has already twice registered for a specific module (paper/practical), in a coursework Master's degree dissertation or mini-dissertation and has not yet met the pass requirements, is only allowed one further opportunity to register for the module – on the basis of exceptional merit, with the approval of the Dean, on the recommendation of the programme director or the academic HOD or the director of the Business School as regards the MBA, and with written notification to the Registrar.

#### **Application of the aforementioned rule in the School of Clinical Medicine and School of Pathology:**

Only in **exceptional circumstances** may the HOD submit a written recommendation, together with an academic progress report compiled by the postgraduate administration office, to the EXCO of the relevant school. Following the aforementioned, the head of the relevant school must make a formal written recommendation to the Dean to request permission to register for the same module for a third opportunity. A student may only register for the same module for a third opportunity (while registered with UFS) with written approval from the Dean.

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

- (a) When sitting for the MMed primary examination, examination in all the basic modules must be written simultaneously, except in the disciplines Anaesthesiology, Ophthalmology, Radiation Oncology and Psychiatry where students may write assessment in any of the basic modules. The assessment in Anatomy, Physiology and Anatomic Pathology (where applicable) comprises a written and oral examination in each of the stated modules.
- (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) MMed in Surgery, Cardiothoracic Surgery, Neurosurgery, Orthopaedic Surgery, Paediatric Surgery, Plastic Surgery and Urology. The MMed Primary may or may not be offered at the discretion of the HOD in conjunction with the MMed committee; in which case the student will be required to write the College of Medicine Primary examination.
- (d) To pass a module in disciplines where all the modules 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 examination must be repeated in its entirety.
- (e) For all four-year MMed programmes (and Ophthalmology): By 18 months after registration as a student, the student must have passed at least one of the basic modules in the disciplines where there are two modules, or two of the basic modules in the disciplines where there are three or more. In all the four-year programmes (this includes additional examination), Part I must be passed in its entirety at 24 months after registration as a student. **Exceptions: Oncology – Part 1 must be passed in its entirety within 18 months after registration as a student; Anatomical Pathology Part 1 must be passed in its entirety at 30 months after registration as a student.**

Only in **exceptional circumstances** may the HOD submit a written recommendation, together with an academic progress report compiled by the postgraduate administration office, to the EXCO of the relevant school to continue in a registrar post. Following the aforementioned, the head of the relevant school must make a formal written recommendation to the Dean to request permission to continue in a registrar post. A student may only continue in a registrar post with written approval from the Dean.

- (f) For all **five-year MMed** programmes: Part I of the assessment must be passed in its entirety within 18 months after registration as a student (including additional examination). Only in **exceptional circumstances** may the HOD submit a written recommendation, together with an academic progress report compiled by the postgraduate administration office, to the EXCO of the relevant school to continue in a registrar post. Following the aforementioned, the head of the relevant school must make a formal written recommendation to the Dean to request permission to continue in a registrar post. A student may only continue in a registrar post with written approval from the Dean.
- (g) Failed modules or examinations must be successfully completed at the first following examination. Only in **exceptional circumstances** may the HOD submit a written recommendation, together with an academic progress report compiled by the postgraduate administration office, to the EXCO of the relevant school to continue in a registrar post. Following the aforementioned, the head of the relevant school must make a formal written recommendation to the Dean to request permission to miss the first following assessment. A student may only miss the first following assessment with written approval from the Dean.

Elucidation:

- (i) Disciplines could exercise the choice to personally conduct Part I of the assessment, or to have it conducted by the relevant CMSA.
- (ii) Part I of the CMSA may be viewed and recognised as equal to Part I of the MMed programme. It must be recommended by the HOD and approved by the EXCO of the relevant school, and Faculty Management.
- (iii) Exemption from basic modules may be granted on the recommendation of the HOD and approval of the EXCO of the relevant school, 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 the student reports for Part II of the assessment, with the consent of the relevant HOD.
- (b) In five-year MMed programmes – Surgery, Cardiothoracic Surgery, Neurosurgery, Orthopaedic Surgery, Paediatric Surgery, Plastic Surgery and Urology: The MMed intermediary may or may not be offered at the discretion of the HOD in conjunction with the MMed committee; in which case the student will be required to write the CMSA intermediary examination. A student must pass Part II (subsidiary modules) in its entirety (including reassessment) within **36 months of registration as a student**. The HOD must recommend it and it must be approved by the EXCO of the relevant school. All failed intermediate (Part II) examinations must be successfully completed at the first following examination. Only in exceptional circumstances may the HOD submit a written recommendation together with an academic progress report compiled by the postgraduate administration office, to the EXCO of the relevant school to miss the first following assessment. A student may only miss the first following assessment with written approval from the Dean.
- (c) On the recommendation of the HOD and the approval by the EXCO of the relevant school, exemption from the university intermediate examination may be granted for the intermediate examination of the CMSA.

**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 examination may not be written before the **commencement of the final year of study**, except upon recommendation of the HOD and approval of the EXCO of the relevant school, 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.
- (c) The mini-dissertation/publishable manuscript/published article must be submitted for assessment six months prior to the final assessment; otherwise admission to the examination will be refused.
- (d) All failed final examinations must be successfully completed at the first following examination. Only in **exceptional circumstances** may the HOD submit a written recommendation, together with an academic progress report compiled by the postgraduate administration office, to the EXCO of the relevant school to miss the first following assessment. A student may only miss the first following assessment with written approval from the Dean.
- (e) In accordance with the rules and regulations of the HPCSA, as from 2014 all students must write the final professional examination (final specialist examination) of the HPCSA as contracted to the CMSA at present.

**Rule MGH2.7.4 Continuous assessment**

Elucidation:

- (i) Continuous assessment with appropriate feedback is done throughout the course of the training as per HPCSA guidelines. External assessment could be involved.
- (ii) The final clinical mark will consist of the following:
  - The Part I mark (for disciplines without an intermediary examination) and Part I and Part II marks (for disciplines with an intermediary examination) will count 10%.
  - The final exit examination mark will count 90%.

**Rule MGH2.7.5 The final MMed mark (for prizes, distinctions and medals only) will be calculated as follows:**

The weighted average mark of the following:

- Final clinical mark (as calculated in the Elucidation (ii) above) and
- NAMB7900 mark.

**Rule MGH2.7.6 Examination results**

Within five working days after the preliminary examination results have been made known in the FHS, 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) here below are replaced with a discussion with the HOD. Should a student still be dissatisfied with the result, the student has the right to immediate appeal to the Academic Appeals Committee of the FHS. 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 HOD and Programme Director, in coordination with the Head of the School. Both the student and the office retain copies for record purposes.
- (b) The HOD will be notified telephonically by Faculty Administration.
- (c) The HOD 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 HOD 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 HOD 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 relevant school. 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. The student will be liable for payment.
- (i) Should a student, after the aforementioned 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 FHS. A written request in this regard must be submitted to the Deputy Director no longer than 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 MGH2.7.7 Pass with distinction**

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

Elucidation:

The final combined mark comprises the final mark of the major modules (Rule MGH 2.7.4) and the mini-dissertation/publishable manuscript/ published article.

### **Rule MGH2.7.8 Additional examination**

- (a) A student who has presented him-/herself for a final examination 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 HOD.
- (b) An MMed student may not write an additional examination in a module before at least six months have elapsed after the assessment in which he had failed the module concerned.

#### Elucidation:

The student is expected to participate in the first following reassessment opportunity.

- (c) In the case of Part II and Part III of the assessment, the examination in its entirety must be repeated.

### **Rule MGH2.7.9 Extension of the study period**

A student who fails the National exit examination as part of the assessment of the MMed programme at the end of the residency period as determined for each discipline, or has not been able to complete their mini-dissertation cannot continue with the programme without written approval .

An application for extension of six months residency time, the HOD is required to submit for **special circumstances only** a written recommendation together with an academic progress report compiled by the Postgraduate administration office to the EXCO of the relevant school. A student may only continue in a registered post with written approval from the EXCO of the relevant school.

In the case of an application for a further extension of residency time, the HOD is required to submit for **special circumstances only** a written recommendation together with an academic progress report compiled by the Postgraduate administration office to the EXCO of the relevant school. The student may only continue in a registered post with written approval from EXCO of the relevant school. Following the aforementioned, the head of the relevant school will make a formal written recommendation to the Dean to consider for approval. The student may only continue in a registrar post with written approval from the Dean.

#### Elucidation:

The student may be appointed in a medical officer post if available during this time, but must still be a registered student with the university.

### **Rule MGH2.7.10 Conferment of the degree**

Before the MMed degree is conferred, the student must convince the UFS of the successful completion of the following:

- (a) Having held a full-time training post for a full residency period of four or five years at the training hospitals of the FHS at the UFS or another institution recognised as equivalent by the university (in accordance with the requirements of the relevant discipline).
- (b) Receiving theoretical, practical and clinical training for the prescribed duration of the degree programme.
- (c) Satisfactorily attending Health Care Practice MGPV7900 and successfully completing Research Methodology NAMA 7903.
- (d) Registering with the University as a student for the degree MMed for the prescribed period.
- (e) Successfully completing and passing NAMB7900 (mini-dissertation/publishable manuscript/published article) in accordance with the requirements of the relevant MMed programme.
- (f) Satisfactorily completing and submitting a Portfolio/Logbook (according to requirements of the relevant discipline).
- (g) Passing the unitary exit examinations/final examinations.

#### Elucidation:

The registrar can only be signed off (for UFS and HPCSA purposes) once residency time has been completed; the final exit examination and mini-dissertation have been passed, and corrections to the research manuscript have been completed. Refer to UFS General Rule A83.9 (d).

**Rule MGH3                      RULES FOR THE DEGREE MASTER OF MEDICAL SCIENCE**

A student must comply with both the stipulations of the UFS General Rules for Master's degrees and the rules of the FHS.

**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 FHS:

<b>Discipline</b>	<b>Academic Plan Code</b>	<b>Module code</b>
Anatomy and Cell Morphology	BC883000	(ANMD8900)
Anatomical Pathology	BC883200	(MANP8900)
Biostatistics	BC883100	(MBST8900)
Cardiothoracic Surgery	BC884200	(MKTC8900)
Chemical Pathology	BC883300	(MCEP8900)
Clinical Radiology	BC884300	(MRBO8900)
Critical Care	BC884400	(MKRS8900)
Haematology and Cell Biology	BC884700	(MHEM8900)
Human Genetics	BC884500	(MMNG8900)
Human Molecular Biology	BC884100	(MMBG8900)
Immunology	BC883800	(MIMN8900)
Medical Microbiology	BC884800	(MMKM8900)
Medical Physics	BC883500	(MPRS8900)
Radiation Oncology	BC884600	(MOKT8900)
Pharmacology (Analytical/Clinical)	BC883400	(MFRM8900)
Physiology	BC883600	(PHMD8900)
Virology	BC884000	(MVIR8900)

MMedSc degrees in the following departments may be offered as a structured Master's degree or as a dissertation:

- Department of Critical Care
- Department of Medical Physics

**1. Critical Care (Structured)**

**Study code BC873200**

**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 HPCSA for independent practice in terms of the Health Professional Act, Act 56 of 1974. The student 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 UFS General Rules.

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## **2. Medical Physics (Structured)**

**Study code BC873100**

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### **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

### **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 UFS General Rules

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 UFS General Rules.

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## MASTER OF SPORTS MEDICINE (*In abeyance*) M Sports Medicine

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300 Credits  
Study code BC878200

### Rule MGH4                      RULES FOR THE DEGREE MASTER OF SPORTS MEDICINE

Students must comply with both the stipulations of the UFS General Rules for Master's degrees and the rules of the FHS .

#### Rule MGH4.1                      Admission requirements

To be allowed to register for the degree Master of Sports Medicine, a student must be in possession of: a)  
MBChB or equivalent qualification  
b) Full registration as a medical practitioner with the 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 Clinical Medicine.

#### Rule MGH4.2                      Duration of programme

The programme extends over three years (300 credits).

#### Rule MGH4.3                      Curriculum

Coursework	180 credits
Research (research project and coursework)	120 credits
Clinical learning: MCLL7900 extends over three years ( <i>case logbook/portfolios, 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<br>( <i>Applied Anatomy, Exercise Biochemistry, Intro to Biomechanics</i> ) | BMMS7905 | 20 credits |

- Exercise physiology (Muscle, Cardiovascular System, Respiratory) MEXP7905 20 credits
- Clinical learning (continuation 20 of 100 credits) (Patient logbook/portfolios, Patient Presentations, Academic Discussions, Sasma Attendance, Clinical Skills Unit, Examination Techniques) MCLL7900 100 credits
- Research project: (continuation 20 of 100 credits) MRPJ7900 100 credits
- Development of a research protocol

Year 2 - Modules:

- Cardiopulmonary system (cardiology, pulmonology) MCPS7902 8 credits
- Applied Sports Medicine (haematology & immunology, fluid balance, sports nutrition, pharmacology & ergogenics, principles of ortho rehab, principles of exercise prescription) MASM7903 12 credits
- Clinical Exercise Medicine (Dermatology, oncology, obs & gynae, neurology, rheumatology, paediatrics, endocrinology, gastroenterology, nephrology) MEXM7902 8 credits
- Clinical Sports Medicine (emergency sports medicine, elite athletes, environmental sports medicine, diving medicine, aviation medicine, psychology, myology) 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 (Introduction, prevention, radiology, podiatry) MCSM7903 12 credits
- Orthopaedic sports medicine (muscle and soft tissue injuries, bone and bone stress, knee, lower leg, ankle and foot, hip and pelvis, spinal column, shoulder, elbow and forearm, wrist and hand) MOSG7907 28 credits
- Clinical learning: (continuation 60 of 100 credits) (Case Logbook/portfolios, Patient presentations, Academic discussions, Clinical Skills Unit, Elective period at recognised facilities) MCLL7900 100 credits
- Research project: (continuation 40 of 100 credits) MRPJ7900 100 credits
- Writing and completion of research project

**Rule MGH4.4 General**

Coursework 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 UFS and the FHS. 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/logbooks, 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 UFS General Rules 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.

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<b>MASTER OF MEDICAL SCIENCE IN TRANSFUSION MEDICINE</b> <b>Medicine) (<i>In abeyance</i>)</b>	<b>180 Credits MMedSc (Transfusion</b> <b>Study code BC889000</b>
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**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 UFS General Rules for Master's degrees and the rules of the FHS.
- 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 HPCSA or equivalent for the country of origin.

Admission is subject to selection.

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

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

**Rule MGH5.2**                            **Duration of programme**

The programme extends over a minimum period of two years.

**Rule MGH5.3**                            **Curriculum**

Dissertation	MTMO8900	180 credits
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**Rule MGH5.4**                            **Assessment**

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

**Rule MGH5.5**                            **Pass requirements**

See UFS General Rules.

**Rule MGH5.6**                            **Additional examination**

See UFS General Rules.

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<b>DOCTOR OF PHILOSOPHY</b> <b>PhD</b>	<b>360 Credits</b>
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**Rule MGH6**                                **RULES FOR THE DEGREE DOCTOR OF PHILOSOPHY**

The UFS 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 UFS General Rules and be in possession of the appropriate Master's degree from the department concerned, or any other qualification deemed equivalent by the university.

The PhD degree may be obtained in any of the following disciplines in the FHS:

<b>School of Biomedical Sciences BC893200</b>	<b>School of Clinical Medicine BC893000</b>	<b>School of Pathology BC893100</b>
Biostatistics (MBST9100)	Anatomy and Cell Morphology (ANPD9100)	Anatomical Pathology (MMNP9100)
	Medical Physics (MPRD9100)	
Human Molecular Biology (MMBG9100)	Medical Physiology (PHPD9100)	Chemical Pathology (MCEP9100)
	Neurology (MNER9100)	Haematology and Cell Biology (MMEM9100)
	Neurosurgery (MNEU9100)	Medical Microbiology (MMKM9100)
	Nuclear Medicine (MKN9100)	Virology (MVIR9100)
	Obstetrics and Gynaecology (MOBG9100)	Human Genetics (MHGP9100)
	Ophthalmology (MOFT9100)	
	Orthopaedic Surgery (MORT9100)	
	Otorhinolaryngology (MMTO9100)	
	Paediatrics (MMED9100)	
	Pharmacology (Analytical/Clinical) (MFR M9100)	
	Plastic Surgery (MPUP9100)	
	Psychiatry (MPSG9100)	
	Radiographic Sciences (MDIR9100)	
	Radiation Oncology (MOKT9100)	
	Surgery (MCHR9100)	
	Urology (MURL9100)	
	Anaesthesiology (MANS9100)	
	Cardiology (MTTC9100)	
	Cardiothoracic Surgery (MKTC9100)	
	Chemical Pathology (MCEP9100)	
	Clinical Radiobiology (MRBO9100)	
	Community Health (MMKG9100)	
	Critical Care (MKRS9100)	
	Dermatology (MDER9100)	
	Diagnostic Radiology (MDIR9100)	
	Family Medicine (MHAK9100)	
	Forensic Medicine (MGGN9100)	
	Internal Medicine (MMNG9100)	

**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 UFS General Rules for doctoral degrees and with the special rules of the FHS.

The degree of Doctor of Medicine may be obtained in any of the following disciplines in the FHS:

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	(MMKM9100)	Virology	(MVIR9100)

**Elucidation:**

- (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) 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.

**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 relevant discipline comprises the abbreviation of the discipline, followed by the code **9100**.

For further details, see UFS General Rules.

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**Rule MGH11 RULES FOR THE POSTGRADUATE DIPLOMA IN MEDICAL PHYSICS**

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

**From 2017, for new enrolments a total of 176 credits will be applicable with the 4 modules sharing on equal basis.**

**Rule MGH11.1 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 HPCSA as intern medical physicists.

**Rule MGH11.2 Admission of students from other universities**

Rules A27 of the UFS 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 MGH11.3 Duration of programme**

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

**Rule MGH11.4 Curriculum**

**Module**

MPDR5810/ MPDR 5820 Medical Physics for Radiotherapy I	44 credits
MPDH5810 / MPDH5820 Medical Physics for Radiotherapy II	44 credits
MPDI5810 / MPDI5820 Medical Physics for Diagnostic Radiology	44 credits
MPDM5810/ MPDM5820 Medical Physics for Nuclear Medicine	44 credits

Elucidation:

Some modules can be offered at external centres.

This Postgraduate Diploma complies with the requirements on practical training (internship) prescribed by the HPCSA for registration as an independent practice medical physicist.

**Rule MGH11.5 Assessment**

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

**Rule MGH11.6 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 MGH11.7 Pass requirements**

See UFS General Rules.

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

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**Rule MGH12                    RULES FOR THE POSTGRADUATE DIPLOMA IN CLINICAL PHARMACOLOGY**

**Rule MGH12.1                Admission requirements**

MBChB or BPharm

**Rule MGH12.2                Duration of programme**

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

**Rule MGH12.3                Curriculum**

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

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

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

**Rule MGH12.4                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 MGH12.5                Pass requirements**

See UFS General Rules.

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**POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE** **120 Credits**  
**PGDip (Transfusion Medicine) (*In abeyance*)** **Study code BC822300**

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**Rule MGH13                    RULES FOR THE POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE**

**Rule MGH13.1                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. Students must be registered as an independent medical practitioner with the HPCSA or equivalent body in their country of origin.

It is compulsory for students 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 students from South Africa and those working actively in transfusion medicine. Students may be subjected to a language proficiency test, if deemed necessary.

#### **Rule MGH13.2                    Duration of programme**

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

#### **Rule MGH13.3                    Curriculum**

##### **Part I**

(i) MTMO5804 Organisation and Management of a Transfusion Service 16 credits (ii) MTMP5804 Principles of Blood Banking and Fractionation of Blood 16 credits

(iii) MTMA5804 Administering Blood Products 16 credits

##### **Part II**

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

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

#### **Rule MGH13.4                    Assessment**

Different forms of assessments will be used in each separate module (i.e. written, oral, group work, etc.). Students 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 MGH13.5                    Pass requirements**

See UFS General Rules.

#### **Rule MGH13.6                    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 HOD.

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### **POSTGRADUATE DIPLOMA IN DIAGNOSTIC RADIOGRAPHY                    120 Credits PGDip Diagnostic Radiography (*In abeyance*)                    Study code 8203**

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#### **Rule MGH14                    RULES FOR THE POSTGRADUATE DIPLOMA IN DIAGNOSTIC RADIOGRAPHY**

A student must comply with the provisions of the UFS General Rules for Postgraduate Diplomas as well as the rules of the FHS

#### **Rule MGH14.1                    Admission requirements**

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

- (a) Be in possession of at least a three-year BRad or equivalent qualification.
- (b) Be admitted to the status of the three-year BRad degree on the recommendation of the FHS.
- (c) Be appointed as diagnostic radiographer at an accredited training hospital that has the appropriate facility at its disposal.
- (d) Be registered as diagnostic radiographer with the HPCSA.

Remark:

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

**Rule MGH14.2                    Duration of programme**

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

**Rule MGH14.3                    Disciplines**

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

**Rule MGH14.4                    Curriculum**

**First Semester:**

(i)	MAPS5810	Applied Physics	30 credits
(ii)	MRAR5810	Radiographic Anatomy/Physiology/Pathology	30 credits

**Second Semester:**

(i)	MRTR8520	Radiographic Practice	30 credits
(ii)	MPCR8520	Clinical Radiographic Practice	30 credits

**Rule MGH14.5                    Assessment**

Assessment is conducted in the following manner: Two two-hour question papers per semester

Oral	- second semester
Research project	- second semester

**Rule MGH14.6                    Pass requirements**

See UFS General Rules.

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**POSTGRADUATE DIPLOMA IN OCCUPATIONAL HEALTH 120 Credits PGDip (Occupational Health)  
Study code BC852000**

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**Rule MGH15                    RULES FOR THE POSTGRADUATE DIPLOMA IN OCCUPATIONAL HEALTH**

**Rule MGH15.1                    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 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 HPCSA, as stipulated by the HPCSA and Health Professions Act nr 56 of 1974.

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

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

**Rule MGH15.2                    Duration of programme**

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

**Rule MGH15.3 Curriculum****Part I**

(i) MOHA5805 Occupational Health Administration Part I 20 credits (ii) MOHT5805 Clinical Occupational Health and Toxicology Part I 20 credits (iii) MOHB5805 Occupational Epidemiology and Biostatistics Part I 20 credits

**Part II**

(i) MOHD5805 Occupational Health Administration Part II 20 credits (ii) MOHO5805 Clinical Occupational Health and Toxicology Part II 20 credits (iii) MOHI5805 Occupational Epidemiology and Biostatistics Part II 20 credits

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

**Rule MGH15.4 Assessment**

A written assessment must be conducted in each module as specified. An oral assessment may be conducted at the end of the programme. Admission to the assessment will be subject to UFS 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 MGH15.5 Pass requirements**

See UFS General Rules.

**Rule MGH15.6 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 HOD.

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**POSTGRADUATE DIPLOMA IN COMMUNITY HEALTH 120 Credits PGDip (Community Health) (In abeyance) Study code 8230**

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**Rule MGH16 RULES FOR THE POSTGRADUATE DIPLOMA IN COMMUNITY HEALTH****Rule MGH16.1 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 MGH16.2 Duration of programme**

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

**Rule MGH16.3 Curriculum****Part I**

(i) MGGA5803 Microbiology (assessment course) 10 credits  
(ii) MGGB5808 Parasitology and Entomology (assessment course) 24 credits  
(iii) MGGC5809 Food and Water (including diseases, hygiene and



food science) (assessment course) 24 credits

## Part II

(i)	MGGD5801	Epidemiology and Medical Statistics (assessment course)	4 credits
(ii)	MGGE5807	Health Administration including Basic Financial Management, Accounting and Business Economics (assessment course)	20 credits
(iii)	MGGF5805	Health Legislation (assessment course)	12 credits
(iv)	MGGG5806	Comprehensive Health Care (assessment course)	20 credits
(v)	MGGH5802	Environmental Health Care (assessment course)	6 credits

### Rule MGH16.4 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 MGH16.5 Pass requirements

See UFS General Rules.

### Rule MGH16.6 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 HOD.

### Rule MGH16.7 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:

- Credit may be granted for a maximum of half of the qualification's total credits.
- 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>120 Credits</b>
<b>PGDip (Health Services Management)</b>	<b>Study code 8240</b>

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## Rule MGH17 RULES FOR THE POSTGRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT

### Rule MGH17.1 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 MGH17.2 Duration of programme

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

### Rule MGH17.3 Curriculum

## Part I

- |     |          |                                    |                                     |      |          |                          |            |
|-----|----------|------------------------------------|-------------------------------------|------|----------|--------------------------|------------|
| (i) | MHSA5800 | Concepts in Health Care Management | 15 credits                          | (ii) | MHSB5800 | Principles of Management | 15 credits |
|     | (iii)    | MHSC5800                           | Health Care Planning and Statistics |      | (iv)     | MHSD5800                 |            |
|     |          |                                    | 15 credits                          |      |          |                          |            |

## Part II

- |     |          |  |                         |      |          |                            |            |
|-----|----------|--|-------------------------|------|----------|----------------------------|------------|
| (i) | MHSE5800 | Health Programme and Specialised Services Management | 15 credits              | (ii) | MHSF5800 | Human Resources Management | 15 credits |
|     | (iii)    | MHSG5800   | Management of Resources |      | (iv)     |                            |            |
|     |          | MHSH5800   | Quality Assurance       |      |          |                            | 15 credits |
|     |          |  | 15 credits              |      |          |                            |            |

### Rule MGH17.4 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 MGH17.5 Pass requirements

See UFS General Rules.

### Rule MGH17.6 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 Clinical Medicine on the recommendation of the HOD.

### Rule MGH17.7 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:

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

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## POSTGRADUATE DIPLOMA IN CLINICAL FORENSIC MEDICINE 144 Credits PGDip (Clinical Forensic Medicine) (*In abeyance*) Study code BC855000

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### Rule MGH18 RULES FOR THE POSTGRADUATE DIPLOMA IN CLINICAL FORENSIC MEDICINE

#### Rule MGH18.1 Admission requirements

Before a student may register for the diploma, he/she must be in possession of

- A Bachelor of Medicine and Bachelor of Surgery (MBChB) qualification, or equivalent; AND the student must be registered as an independent medical practitioner with the HPCSA or equivalent body in their country of origin; OR
- A Bachelor's qualification in Nursing and an Advanced University Diploma in Forensic Nursing; AND the student must be registered as an independent nursing professional with the South African Nursing Council or equivalent body in their country of origin; OR
- A Bachelor's qualification in Clinical Medical Practice; AND registered as clinical associate with the HPCSA or equivalent in their country of origin.

In the case of foreign students who are not fully registered with the HPCSA, or the South African Nursing Council (SANC), each case will be dealt with on merit according to the prescriptions of the HPCSA and SANC.

If successful, these students may obtain the Postgraduate Diploma in Clinical Forensic Medicine, but will not be able to practise in South Africa without approval and registration with the HPCSA and SANC.

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

If there are more than 25 applications preference may be given to students from South Africa and those working actively in clinical forensic medicine. Students may be subject to a language proficiency test if deemed necessary.

#### **Rule MGH18.2            Duration of programme**

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

#### **Rule MGH18.3            Curriculum**

##### **Year I:**

METL5815/25	Medical Law and Ethics	20 credits	MAFP5815	Applied Forensic Pathology	20 credits
MSOF5815/25	Sexual Offences	20 credits	MTRM5823	Traffic Medicine	12 credits

##### **Year II:**

MCAB5813	Child Abuse				12 credits
MEFS5813	Medical evidence and Forensic Science	12 credits	MSCC5823	Social Context of Crime	12 credits
MCTM5813	Clinical Toxicology for Medical Forensic Investigators				12 credits
MFPP5823	Forensic Psychiatry and Psychology				12 credits
MCTT5823	Custodial Medicine, Torture and Trafficking in Persons				12 credits

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

#### **Rule MGH18.4            Assessment**

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

#### **Rule MGH18.5            Pass requirements**

See UFS General Rules.

#### **Rule MGH18.6            Re-assessment**

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

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## MASTER OF PHILOSOPHY QUALIFICATIONS (subspecialist training)

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### **Rule MGH19            General**

Admission to the MPhil degree programme is determined in accordance with the UFS General Rules for Postgraduate Qualifications and the Rules of the FHS

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 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. Students 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 MGH19.1.1            Admission requirements**

Registered with the HPCSA within a relevant speciality.

### **Rule MGH19.1.2            Assessment**

- (i) Students may write for the assessments in the first semester or second semester.
- (ii) Students must notify the office of the Deputy 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 subspecialty qualifications in the various subspecialties 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 student 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 MGH19.1.3            Pass with distinction**

A student passes with distinction if an assessment mark based on a weighted average of 75% is obtained (70% discipline-specific modules and 30% mini-dissertation).

### **Rule MGH19.1.4            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 HOD concerned.

### **Rule MGH19.1.5            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 HOD may determine.

**Rule MGH19.1.6 Awarding of the degree**

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

**MASTER OF PHILOSOPHY IN ENDOCRINOLOGY  
MPhil (Endocrinology)**

Study code BC870040

**Rule MGH19.2 RULES FOR THE MASTER OF PHILOSOPHY IN ENDOCRINOLOGY****Rule MGH19.2.1 Admission requirements**

Registered with the HPCSA as a Specialist in Internal Medicine.

**Rule MGH19.2.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS

**Rule MGH19.2.3 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 FHS at the UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (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 MGH19.2.4 Curriculum**

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

**Rule MGH19.2.5 Assessment**

- (i) The subspeciality certificate in Endocrinology and Metabolism of the College of Physicians of South Africa is the only acceptable exit examination. On obtaining the certificate, the student will receive the degree.

**MASTER OF PHILOSOPHY IN GASTROENTEROLOGY  
MPhil (Gastroenterology)**

Study code BC870013

**Rule MGH19.3 RULES FOR THE MASTER OF PHILOSOPHY IN GASTROENTEROLOGY****Rule MGH19.3.1 Admission requirements**

Registered with the HPCSA as a Specialist in Internal Medicine.

**Rule MGH19.3.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.3.3 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 UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio. In addition, a logbook/portfolio 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 MGH19.3.4 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 MGH19.3.5 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 (70% Advanced Gastroenterology, 30% Mini-dissertation).

**MASTER OF PHILOSOPHY IN GERIATRIC MEDICINE  
MPhil (Geriatric Medicine)****Study code BC870018**

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**Rule MGH19.4 RULES FOR THE MASTER OF PHILOSOPHY IN GERIATRIC MEDICINE****Rule MGH19.4.1 Admission requirements**

Registered with the HPCSA as a Specialist in Internal Medicine.

**Rule MGH19.4.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.4.3 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 FHS at the UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (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 MGH19.4.4 Curriculum**

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

MAGA7900	Advanced Geriatric Medicine 1	Year 1	120 credits
MAGB7900	Advanced Geriatric Medicine 2	Year 2	120 credits
MAGM7900	Geriatric Medicine Mini-dissertation	Year 1 and 2	60 credits

**Rule MGH19.4.5 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 (70% Advanced Geriatric Medicine, 30% Mini-dissertation).

**MASTER OF PHILOSOPHY IN NEPHROLOGY**  
**MPhil (Nephrology)**

**Study code BC870017**

**Rule MGH19.5                    RULES FOR THE MASTER OF PHILOSOPHY IN NEPHROLOGY**

**Rule MGH19.5.1                Admission requirements**

Registered with the HPCSA as a Specialist in Internal Medicine.

**Rule MGH19.5.2                Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.5.3                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 FHS at the UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified critical portfolio/ logbook 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 MGH19.5.4                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 MGH19.5.5                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 (70% Advanced Nephrology, 30% Mini-dissertation).

**MASTER OF PHILOSOPHY IN PULMONOLOGY**  
**MPhil (Pulmonology)**

**Study code BC871200**

**Rule MGH19.6                    RULES FOR THE MASTER OF PHILOSOPHY IN PULMONOLOGY**

**Rule MGH19.6.1                Admission requirements**

Registered with the HPCSA as a Specialist in Internal Medicine.

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

**Rule MGH19.6.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.6.3 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 FHS at the UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (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 MGH19.6.4 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 MGH19.6.5 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 (70% Advanced Pulmonology, 30% Mini-dissertation)

**MASTER OF PHILOSOPHY IN CLINICAL HAEMATOLOGY**  
**MPhil (Clinical Haematology)**

Study code BC870014

**Rule MGH19.7 RULES FOR THE MASTER OF PHILOSOPHY IN CLINICAL HAEMATOLOGY****Rule MGH19.7.1 Admission requirements**

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

- (a) Registered with the HPCSA as a Specialist in Internal Medicine or as Haematological Pathologist.
- (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 MGH19.7.2 Duration of programme**

Two years full time in a hospital post or honorary appointment and registered with the HPCSA and the UFS.

**Rule MGH19.7.3 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 FHS at the UFS 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 MGH19.7.4 Curriculum**

The principles and practice of Clinical Haematology are dealt with. Students who are qualified as physicians on adult haematological conditions. 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 MGH19.7.5 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 (70% Advanced Haematology, 30% mini-dissertation).
- (iii) 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).

### **MASTER OF PHILOSOPHY IN INTERVENTIONAL RADIOLOGY**

#### **MPhil (Interventional Radiology)**

**Study code BC870015**

#### **Rule MGH19.8 RULES FOR THE MASTER OF PHILOSOPHY IN ADVANCED CLINICAL IMAGING**

A student must comply with the UFS General Rules for postgraduate qualifications as well as the Rules of the FHS.

##### **MGH19.8.1 Admission requirements**

Registered with the HPCSA as a Specialist in Diagnostic Radiology

##### **Rule MGH19.8.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

##### **Rule MGH19.8.3 Curriculum**

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

MIBP7900	Basic Principles in 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 MGH19.8.4 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/portfolio evidence for Clinical Imaging Practice.
- (iii) Students 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 – postgraduate policies, procedures and rules). The MPhil exit level examination is currently written at the UFS, but an equivalent examination 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.

### **MASTER OF PHILOSOPHY IN PAEDIATRIC CARDIOLOGY**

**Rule MGH19.9 RULES FOR THE MASTER OF PHILOSOPHY IN PAEDIATRIC CARDIOLOGY****Rule MGH19.9.1 Admission requirements**

Registered with the HPCSA as a Specialist in Paediatrics

**Rule MGH19.9.2 Duration of programme**

Three years full time in a hospital post and registered with the HPCSA and the UFS..

**Rule MGH19.9.3 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 FHS at the UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (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 MGH19.9.4 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 MCPH7900 Advanced Paediatric Cardiology Health Care Practice Year 2,3 60 credits MPCD7900 Paediatric Cardiology Mini-dissertation Year 1,2 and 3 60 credits

**Rule MGH19.9.5 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 (70% Advanced Paediatric Cardiology, 30% 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 examination is 50%. A subminimum pass mark of 50% is expected for each of the two (written and the oral/OSCA/clinical) components of the examination.

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

**MASTER OF PHILOSOPHY IN PAEDIATRIC ONCOLOGY**  
**MPhil (Paediatric Oncology)****Study code BC870019**

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**Rule MGH19.10 RULES FOR THE MASTER OF PHILOSOPHY IN PAEDIATRIC ONCOLOGY**

**Rule MGH19.10.1 Admission requirements**

Registered with the HPCSA as a Specialist in Paediatrics or Oncology

**Rule MGH19.10.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.10.3 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 FHS at the UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (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 MGH19.10.4 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 MGH19.10.5 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 (70% Advanced Paediatric Oncology, 30% 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 examination is 50%.

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

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

**Rule MGH19.10.6 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 MGH19.10.7 CLINICAL/ORAL/OSCA EXAMINATIONS**

- This examination will last NO LONGER THAN 3 hours.
- The student 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 MGH19.10.8      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 (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 examination is 50%. A subminimum 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 subminimum for individual papers, questions or sub-sections of the oral/OSCA/OSPE/clinical examination.

**MASTER OF PHILOSOPHY IN GASTROENTEROLOGY SURGERY**  
**MPhil (Gastroenterology Surgery)**

Study code BC871100

**Rule MGH19.11 RULES FOR THE MASTER OF PHILOSOPHY IN GASTROENTEROLOGY SURGERY**
**Rule MGH19.11.1 Admission requirements**

Registered with the HPCSA as a Specialist in Surgery

**Rule MGH19.11.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.11.3 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 FHS at the UFS.)
- (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/portfolio.
- (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 UFS for the prescribed period.

**Rule MGH19.11.4 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 MGH19.11.5 Assessment**

- (i) The assessment will comprise a formative assessment and mini dissertation (30%) as well as the exit examination (70%). The exit examination comprises a written paper, clinical cases and an oral assessment.
- (ii) A subminimum of 50% must be obtained for the formative assessment, mini-dissertations 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.

**MASTER OF PHILOSOPHY IN TRAUMA SURGERY**  
**MPhil (Trauma Surgery)**

Study code BC870021

**Rule MGH19.12 RULES FOR THE MASTER OF PHILOSOPHY IN TRAUMA SURGERY**
**Rule MGH19.12.1 Admission requirements**

Registered with the HPCSA as a Specialist in Surgery

**Rule MGH19.12.2      Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.12.3      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 UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.
- (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 UFS for the prescribed period.

**Rule MGH19.12.4      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 MGH19.12.5      Assessment**

- (i) The assessment will comprise a formative assessment and mini-dissertation (30%) as well as the exit examination (70%). The exit examination comprises a multiple choice questionnaire and an oral assessment.
- (ii) A subminimum of 50% must be obtained for the formative assessment, 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.

**MASTER OF PHILOSOPHY IN VASCULAR SURGERY**  
**MPhil (Vascular Surgery)**

**Study code BC870020**

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**Rule MGH19.13      RULES FOR THE MASTER OF PHILOSOPHY IN VASCULAR SURGERY**

**Rule MGH19.13.1      Admission requirements**

Registered with the HPCSA as a Specialist in Surgery

**Rule MGH19.13.2      Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.13.3      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 UFS.
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio.

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**300 Credits**

- (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 UFS for the prescribed period.

**Rule MGH19.13.4 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 MGH19.13.5 Assessment**

- (i) The assessment will comprise a formative assessment and mini-dissertation (30%) as well as the exit examination (70%). The exit examination comprises a multiple choice questionnaire and oral assessment.
- (ii) A subminimum of 50% must be obtained for the formative assessment, 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.

**MASTER OF PHILOSOPHY IN CRITICAL CARE****MPhil (Critical Care)****Study code BC870012**

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**Rule MGH19.14 RULES FOR THE MASTER OF PHILOSOPHY IN CRITICAL CARE****Rule MGH19.14.1 Admission requirements**

Registered with the HPCSA as a Specialist in Surgery, Internal Medicine, Anaesthesiology or another appropriate specialist registration with the HPCSA.

**Rule MGH19.14.2 Duration of programme**

Two years full time in a hospital post and registered with the HPCSA and the UFS.

**Rule MGH19.14.3 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 UFS.
- (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 MGH19.14.4 Curriculum**

The principles and practice of Critical Care are dealt with.

MCCA7900	Advanced Critical Care 1	Year 1	120 credits
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MCCB7900	Advanced Critical Care 2	Year 2	<b>300 Credits</b>
MCCD7900	Critical Care Mini-dissertation	Year 1 and 2	120 credits
			60 credits

**Rule MGH19.14.5      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 students and assessors.

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 aforementioned, the students will be required to apply to the HPCSA specialist committee for registration of their subspecialty.

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

**MASTER OF PHILOSOPHY IN NEONATOLOGY  
MPhil (Neonatology)**

**Study code BC870022**

**Rule MGH19.15      RULES FOR THE MASTER OF PHILOSOPHY IN NEONATOLOGY**

**Rule MGH19.15.1      Admission requirements**

Registered with the HPCSA as a Specialist Paediatrician.

**Rule MGH19.15.2      Duration of programme**

Two years full time.

**Rule MGH19.15.3      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 UFS;
- (ii) Received appropriate theoretical, practical and clinical instruction as recorded in a specified logbook/portfolio of learning;



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**300 Credits**

- (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 subspeciality Certificate in Neonatology of the Colleges of Medicine of South Africa.

**Rule MGH19.15.4 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 MGH19.15.5 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 subminimum 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 NURSING MNurs  
Dissertation****180 Credits/Study code BC882000**

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**INTRODUCTION**

The MNurs can be obtained by a dissertation.

**Rule VGH1.1 Admission requirements****General Rules A70, A71 and A72**

- (i) Prospective students must consult the Programme Director before submission of an official application form before 30 September of every year to be admitted. (ii) Students are subject to selection.
- (iii) To be admitted to a Master's degree a person must have already obtained a Bachelor Honours degree, a 480credit professional Bachelor's degree or a relevant postgraduate diploma. It is the responsibility of the international students to provide SAQA proof of the NQF level equivalence of their qualifications as registered with SAQA.
- (iv) A weighted average of at least 60% (not rounded to the next integer) in the previous NQF Exit Level 8 qualification is required
- (v) Prospective students must have passed for the first time the Research Methodology in Nursing or another research module as deemed appropriate by the Head of the School with 60% no longer than five (5) years ago.
- (vi) Students must furnish proof of registration with the South African Nursing Council (SANC). International students must be registered with a recognised body in their country of origin.
- (vi) The number of master students selected is subject to the availability and/or capacity of supervisors. (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 UFS .

Prior learning is recognised by means of:

- Portfolio / logbook 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 MNurs can be obtained on the basis of:

- (A) (i) A dissertation on an approved subject which has been endorsed by the Faculty Board.

**TABLE 1: Learning programme for Master of Nursing (Dissertation) (180 credits)**

<b>MODULES</b>	<b>Module</b>	<b>Credits</b>
Dissertation in Nursing	NVRT8900	180

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**DOCTOR OF PHILOSOPHY IN NURSING  
PhD****360 Credits  
Study code BC892100**

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

- (i) The UFS General Rules in respect of doctor's degrees apply *mutatis mutandis* to this qualification.
- (ii) For admission to registration for the degree PhD, a student must comply with the stipulations of the UFS 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 degree (NQF Level 9 qualification).
- (iv) It is the responsibility of international students to provide SAQA proof of the NQF level equivalence of their foreign qualifications as registered with SAQA.
- (v) Students will be selected for this programme.
- (vi) Discipline abbreviation and module code: NVRT9100
- (vii) The number of doctoral students selected is subject to the expertise and/or capacity of supervisors.

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**POSTGRADUATE DIPLOMA IN HIV&AIDS**  
**BC854100**

**Credits 120 PGDip (HIV&AIDS)**

**Study code:**

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### **VGH 6 RULES FOR THE POSTGRADUATE DIPLOMA IN HIV&AIDS**

Students are subject to the UFS General Rules for First Qualifications, Postgraduate Diplomas, Honours Bachelor's Degrees, Master's Degrees, Doctoral Degrees, Higher Doctoral Degrees, Honorary Degrees and Convocation. Students must further adhere to the specific rules for Postgraduate Degrees and Diplomas of the Faculty of Health Sciences and the requirements of the School of Nursing.

This programme will not be offered if a sufficient number of enrolments cannot be secured to render the programme sustainable.

#### **Rule VGH 6.1 Admission requirements**

To be allowed to register for this programme prospective students must have:

- (a) A professional Bachelor's degree in Nursing at NQF 8, or an equivalent qualification OR Advanced Diploma in Nursing at NQF 7, or equivalent qualification, OR a cognate Postgraduate Nursing Diploma at NQF 8 or equivalent qualification OR an Honours Degree in Nursing at NQF 8, or equivalent qualification
- (b) Evidence of registration as Registered Nurse and Midwife (R.425) OR professional nurse and midwife (R.174) OR staff nurse (R.171) and midwife (R.254) AND specialist in primary care/clinical nursing science, health assessment, treatment and care (R.48) OR equivalent with the South African Nursing Council (SANC).
- (c) A certificate in dispensing from SAQA approved providers that was issued within the last five years.

It is the responsibility of prospective international students to provide

- (i) SAQA proof of the NQF level equivalence of international qualifications *as well as*
- (ii) evidence of registration with a professional body in the country of origin with the same or equivalent nursing qualifications *and*
- (iii) evidence of limited registration with the SANC (iv) before they will be allowed to register.

Applicable prior learning and experience will be recognised when admission is sought. Credits earned from a prior qualification or a partially completed qualification maybe granted according to General Rule A27.

Duration of the programme

The programme extends over 1 year (120 credits).

#### **Rule VGH 6.2 Curriculum**

It is a coursework (120 credits) programme. The programme is comprised of six compulsory and one elective research module.

Students must register for HIV/AIDS Nursing theory and HIV/AIDS Nursing practicum simultaneously.

### **Compulsory modules**

#### *NHIT 5814 HIV/AIDS Nursing theory*

Foundational and conditional knowledge of HIV/AIDS in various healthcare settings in order to plan healthcare according to best practice guidelines

#### *NHIT 5824 HIV/AIDS Nursing theory*

Foundational and conditional knowledge of HIV/AIDS in various healthcare settings in order to plan healthcare according to best practice guidelines

#### *NHIP 5808 HIV/AIDS Nursing practicum*

Functional knowledge through clinical judgement of patients with HIV/AIDS and multiple comorbidities in a variety of healthcare settings in order to achieve best possible health outcomes.

#### *NPPH5812 Professional practice (Includes ethical and legal practice) in HIV/AIDS Nursing*

Ethical-legal parameters of the nursing profession and professional ethical dilemmas by using decision making and moral reasoning models.

#### *NPDH5822 Professional development in HIV/AIDS Nursing*

Self and peers development through mentoring and precepting.

#### *NMLH 5812 Management and leadership in HIV/AIDS Nursing*

Management of various HIV/AIDS related healthcare services according to norms and standards.

### **One research elective module from the two modules below:**

#### *NREP 5808 Research methodology: Proposal writing*

Knowledge and principles of the research process in developing a workable research proposal.

OR

#### *NREK 5808 Research methodology: Knowledge translation*

Quality improvement of HIV/AIDS through a process of knowledge translation.

### **Rule VGH 6.3 General**

All modules must be taken as offered per semester and must be passed for the qualification to be conferred. Students must select one of the two research electives. No progression rules apply as this Postgraduate Diploma is a one year programme.

It is preferred that students have one year full-time study leave or that they work in primary healthcare facilities or HIV/AIDS care facilities. The minimum clinical hours required for the qualification in alignment with the SANC requirements is 616 hours of which 431 hours must be under supervision.

### **Rule VGH 6.4 Assessment**

To gain admission to examination a module mark of at least 40% is required.

Students are assessed by means of projects and tasks that are aligned with expected learning outcomes and learning activities. Examples are immersive simulation, proficiency tests, clinical case management, integrated practicum examinations, assignments, and objective structured clinical assessments (OSCA).

Module-specific assessment criteria apply as indicated in the study guides.

A subminimum of 50% applies for the summative objective structured clinical assessment (OSCA).

### **Rule VGH 6.5 Distinction**

The Postgraduate diploma is awarded with distinction if a final average of 75% for the modules taken is obtained and must have passed at the first opportunity the student was assessed. The programme must have been completed in the minimum time.

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## **ADVANCED UNIVERSITY DIPLOMAS IN NURSING**    *Please note: The last intake was July 2019*

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## **GENERAL**

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### **POSTGRADUATE DIPLOMA IN HEALTH PROFESSIONS EDUCATION**      **120 Credits PGDip (Health Professions Education)** **Study code: BC850200**

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

Students must comply with both the stipulations of the UFS General Rules for Postgraduate Degrees and Diplomas of the UFS 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) An appropriate Bachelor's Degree or an appropriate Advanced Diploma in a health sciences profession;
- or (b) An applicable three-year qualification plus a one year qualification in a health sciences profession; or (c) A relevant four-year qualification.
- (d) The qualifications obtained must be on NQF level 7.
- (e) A selection committee of the Faculty of Health Sciences will select students into the programme.

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) 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 UFS. The decision of the head of the Division Health Sciences Education and/or Dean of the FHS, is final.

Students are reminded about the UFS General Rules and Rules of the FHS 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 presented in a particular year.

## **Rule GBO1.3                    Curriculum**

Coursework (**120 credits**)

**Curriculum: Year one and two:**

- **Three modules on compulsory themes:**

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

**Three modules on optional (elective) themes:**

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

## **Rule GBO1.4                    General**

The coursework 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 / logbooks, 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**

In cases of students, who have obtained an average module mark of 65% or more, this mark will be used as a final mark. 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. All students with a mark below 65% have to write a final assessment.

The Postgraduate Diploma is awarded with distinction if the student obtained a weighted average of at least 75 percent, based on the minimum number of modules prescribed for the qualification in question.

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## Rule GBO2            **RULES FOR THE DEGREE MASTER OF HEALTH PROFESSIONS EDUCATION**

Students must comply with both the stipulations of the UFS 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 student must be in possession of:

- (a) An appropriate Bachelor's Degree or an appropriate Advanced Diploma in a health sciences profession;
- or (b) A three-year qualification plus one year postgraduate education; or (c) A relevant four-year qualification.
- (d) The qualifications obtained must be on NQF level 8.
- (e) A selection committee of the Faculty of Health Sciences will select students into the programme.

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 UFS. The decision of the Head of the Division Health Sciences Education and Dean of the FHS is final.

Students are reminded about the UFS General Rules and Rules of the FHS 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 presented in a particular year.

### Rule GBO2.3            **Curriculum**

Two options:

- (a) Option A: Study code: BC870200 Coursework (120 credits) plus a mini-dissertation (HPES7900)**

Three modules on compulsory themes:

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

Three modules on optional (elective) themes:

HPEE7905	Concepts of learning in health sciences
HPEC7905	Community Service Learning, Inter-disciplinary Education and Primary Health Care
HPEP7905	Programme development, design and assessment for health professions education and training

HPES7905 The development of professional skills in the health professions  
HPEM7905 Management in health professions education and health care institutions HPEQ7905  
Quality assurance in health professions education

HPES7900 Mini-dissertation (120 credits) Study code: BC870200

**(b) Option B: Study code: BC883700** Dissertation (HPED8900) (240 credits)

**Rule GBO2.4 General: Option A**

The coursework 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. Students will be required to offer proof of competency through various means, including portfolios/logbooks, 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 UFS General Rules.
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 student's own position/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**

In cases of students, who have obtained an average module mark of 65% or more, this mark will be used as a final mark. 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. All students with a mark below 65% have to write a final assessment.

The Master's Degree is awarded with distinction if the student obtained a weighted average of at least 75 percent, based on the minimum number of modules prescribed for the qualification in question.

**Rule GBO2.7 Exit point**

Students may not exit the programme with a Postgraduate Diploma in Health Professions Education (Study code 8202 or BC850200) as from 1 January 2009 according to the Higher Education Qualifications Framework (2007).

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**DOCTOR OF PHILOSOPHY IN HEALTH PROFESSIONS EDUCATION**  
**PhD (Health Professions Education)**

**360 Credits**  
**Study code: BC895100**

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

**Rule GBO3.1 Admission requirements**



The UFS General Rules for Doctoral Degrees apply *mutatis mutandis*.

To be admitted to the programme, students 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 Level 9), 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 and an educational qualification; OR
- (d) A Master's and/or doctoral degree and/or equivalent qualification in a scientific field which is applicable to the PhD discipline.
- (e) A selection committee of the Faculty of Health Sciences will select students into the programme.

A student 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 UFS if (d) is applicable, with proof of 20 credits (200 notional hours) obtained in credit bearing short modules and/or scientific contributions in the field of education. The decision of the head of the Division Health Sciences and/or Dean of the FHS, is final.

A student in possession of a doctorate plus an educational qualification will be admitted directly if selected.

Students are reminded about the UFS 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 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 HSREC 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 student 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**

**(Module and programme codes are subject to change)**

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**SCHOOL FOR ALLIEDHEALTH PROFESSIONS**

OLD MODULE	NEW MODULE
ABT700	MOTR900
ABT901	PDOT9100
ATN701	MOTS7905
DET700	MDTD8900
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

**SCHOOL OF  
CLINICAL  
MEDICINE**

SVD748	MSPT7948
VDG700	MNUD8900
VDG704	MRES7905
VDG709	MART7909
VDG728	MNUT7938
VDG748	MNUT7948
VDG791	MNUM7900
VDG901	PNUT9100
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

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

CHP601	MCHD6800
CHP700	MCHP7900
CHR800	MCHI7900
CHR890	MCHR7900
CHR900	MMHR9100

FSK601	PHYS6814/24
FSK606	PHYI6874/84
FSK611	PHYE6834/44
GEG891	MFHA7901
GEG892	MFHB7901
GEG893	MFHC7908
GFD510	MPDR5800
GFD520	MPDH5800
GFD530	MPDI5800
GFD540	MPDM5800
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

FRM601	MFRM6800
FRM700	MFRM7900
FRM709	MFRM8900
FRM900	MMRM9100
FRM901	MFRM9100

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

HEM709	MHEM8900
HEM890	MHEB7900
HEM900	MMEM9100
HEM901	MHEM9100
HSM501	MHSA5800
HSM502	MHSB5800
HSM503	MHSC5800
HSM504	MHSD5800
HSM505	MHSE5800

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

MAH892	MMHB7902
MAH893	MMHC7902
MAH894	MMHD7906
MAT700	ANMM7900
MBG601	MBGT6804
MBG602	MBGP6826
MBG603	MBGR6818
MBG604	MBGM6814
MBG605	MBGI6814

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

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

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

**SCHOOL OF NURSING**

HPE794	HPES7900
HPE793	HPED8900
HPE701	HPEI7905
HPE702	HPEA7905
HPE703	HPER7905
HPE704	HPEE7905
HPE705	HPEC7905
HPE706	HPEP7905
HPE707	HPES7905
HPE708	HPEM7905
HPE709	HPEQ7905
HPE900	HPET9100
<b>OLD MODULE</b>	<b>NEW MODULE</b>
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

**GENERAL**

<b>OLD MODULE</b>	<b>NEW MODULE</b>
HPE601	HPEI5805
HPE602	HPEA5805
HPE603	HPER5805
HPE604	HPEE5805
HPE605	HPEC5805
HPE606	HPEP5805
HPE607	HPES5805
HPE608	HPEM5805
HPE609	HPEQ5805
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