



SEFAKO MAKGATHO  
HEALTH SCIENCES UNIVERSITY

**2024**

**SCHOOL OF MEDICINE CALENDAR:  
POSTGRADUATE PROGRAMMES**

## Medium of Instruction

The medium of instruction at the Sefako Makgatho Health Sciences University is English.

## Validity

This Calendar is valid for the 2024 academic and financial years. The University reserves the right to amend any date, time, rule, policy or provision in this Calendar at any time without prior notice. No responsibility is accepted for possible inaccuracies.

## University Semesters: 2024

<b>FIRST SEMESTER</b>	:	8 January 2024	-	26 July 2024
AUTUMN Recess (for students)	:	2 April 2024	-	5 April 2024
WINTER Recess (for students)	:	15 July 2024	-	26 July 2024
<b>SECOND SEMESTER</b>	:	29 July 2024	-	13 December 2024
SUMMER Recess (University Vacation)	:	13 December 2024	-	06 January 2025

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## 1. MESSAGE FROM THE DEAN

The School of Medicine (SoM) at Sefako Makgatho Makgatho Health Sciences University (SMU) has always been striving for excellence and quality in teaching and learning, scholarly community engagement, innovation and research. We have made great strides in achieving this goal through collaborative team work in the SoM by regularly reviewing our rules to be in line with accepted norms and standards governing our higher education and professional bodies. We have streamlined MMED Rules to be in a separate booklet from other postgraduate programs for ease of reference. The 2024 Academic Rules have been standardised, streamlined and referenced with the end user in mind.

In 2022, SMU became an official member of the Association of African Universities (AAU). This membership not only assists in aligning the University to the National Framework for the Internationalisation of South African Higher Education but will also allow for greater partnerships across African borders. The AAU's main goal is to provide effective support for African higher education institutions in their core functions of teaching and learning, research and community service. The Ranking Web of Universities or Webometrics is the largest academic ranking of Higher Education Institutions offering every six months an independent, objective, free, open scientific exercise for providing reliable, multidimensional, updated and useful information about the performance of universities from all over the world. SMU is ranked 21 in South Africa out of 124 registered higher education institutions in South Africa and ranked 3294 in the world in mid-year of 2022 period under review, this is against the backdrop that that SMU was only established in 2014 by the department of higher education (DHET). The future can only be brighter and better at SMU.

Yours sincerely,



Dean: Professor Nathaniel Mofolo  
BSc, MBChB, MFamMed, MDP, ALHE, LDP (UFS)  
DBA (Higher Education Studies), University of Bath (UK)

## 1.1. MESSAGE FROM THE DEPUTY DEAN

### The Revolution

A revolution is, in the main, defined as a sudden and radical change in the way a country is governed. In case of tertiary institution like SMU, it's a sudden and radical change in the way it (SMU) is governed. The students' political formations and organized labour use the phrase "revolutionary greetings" in their written or spoken addresses to their peers. Some, if not most of the staff members, do not necessarily like to hear the words "revolutionary" because they feel intimidated or threatened by it.

A revolution is radical rather than conservative. It is an ideology that seeks to disrupt violently, but according to Che Guevara, "the true revolution is guided by a great feeling of love". This Argentinean Marxist revolutionary, who was also a Physician, an author, guerrilla leader, diplomat and military theorist, goes on to say, "It is impossible to think of a true revolutionary lacking in this quality". Love, that is.

I believe that the usage of the word "revolutionary" by students and labour, in the main, is informed by the most profound feeling of love for their institution rather than by anything else, whether implied or inferred. The good book states that "Love conquers All".

Please allow the Deanery to say "revolutionary welcome" to you All, students, staff and other associates to SMU in 2024.

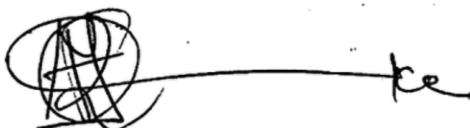
Indeed, SMU on its own is a revolution. It has been driven by a revolution since its inception as MEDUNSA back in 1976, and it continues to be fuelled by a revolution in its current form as SMU.

This revolution at SMU as driven by love. The love of our country and the love of our fellow man makes us who we are.

Our graduates are known to serve our country in various forms and levels, making a meaningful contribution to our society. We pride ourselves as they continue to fly our flag.

Our staff pride themselves on imparting knowledge, transfer skills and shaping locally relevant health professionals. They continue to read extensively, answer research questions and disseminate their ground-breaking findings. Our staff is ably assisted by our postgraduate students, who are encouraged to ask difficult questions, and to answer those questions in their research projects. We at the School of Medicine instil the same curiosity and appreciation for research in our undergraduate students. These are the fundamental reasons the research selective was introduced in MBChB III and IV.

To our final year students, both undergraduate and postgraduate, we hope that when you leave our shores, you shall continue in the revolution and be responsible disruptors for the greater good of the profession and our country. To our new students, please join the revolution with an understanding that it attracts a price of responsibility and hunger to achieve more.



Adjunct Professor Risenga Frank Chauke  
MBChB, MMed (Thoracic-Chir), Assoc FC (Cardio) SA, MBA (Gibs - UP)  
Learning Facilitator: Assessment College of South Africa

## 2. SCHOOL VISION & MISSION

### Vision:

To be a benchmark globally competitive School of Medicine epitomizing scholarly excellence through impactful scientific contributions, graduation of distinguishable and adaptable professionals and advancement of disadvantaged and rural communities through innovative technology, outreach and comprehensive health care.

### Mission:

A distinguished School of Medicine that:

1. Provides high-quality Teaching and Learning;
2. Promotes interdisciplinary community-based research, education and skills training that recognizes the cross-disciplinary nature of holistic health care provision and community service.
3. Produces a cadre of health professionals with transformative, innovative leadership skills and empathy rooted in community-based research.
4. Creates an environment that acknowledges the shortfalls of our students, and assist to harness and nurture their potential and abilities with new technologies
5. Advances educational approaches that include evidence-based methods for curriculum development with delivery deeply rooted in the community needs/ aspirations and specifically geared toward innovative research activities embedded in primary health care.

### Values:

- Excellence, Knowledge and Expertise
- Leadership and Discipline
- Student-centredness
- Innovation
- Ethical, Professional conduct
- Social responsiveness and accountability
- Respect and mutual empowerment

### Motto:

Bringing and advancing comprehensive health education, training and research to the future underpinned by excellence

<b>3. SCHOOL COMMITTEES</b>	
APCDC	Academic Planning and Curriculum Development Committee(s)
AACAC	Academic Assessment Complaints & Appeals Committee
ASC	Admissions and Selection Committee
CDC	Curriculum/Programme Development Committee
CPD-AAC	Continuous Professional Development - Accreditation and Advisory Committee
GFC	Grants and Funding Committee
MAC	Medical Advisory Committee
MEDEX	Executive Committee of School of Medicine
PBEC	Partnership Building and Engagement Committee
PGEC	Postgraduate Examination Committee
SAEAC	School Academic Exclusion Appeals Committee
SAPC	School Academic Promotions Committee
SBM	School Board of Medicine
SReC	School Research Committee
UG ECC	Undergraduate Examination and Certification Committee(s)

#### **4. NUMBERING SYSTEM ABBREVIATIONS**

<b>DEGREE / DIPLOMA NUMBERING SYSTEM ABBREVIATIONS</b>	
G	General Rules
GH	General Rules for Honours Degrees
SMH	School of Medicine Honours Degree Programmes
GM	General Rules For Masters Degrees
SMM	School of Medicine Masters Degree Programmes
SMD	School of Medicine PhD/MD Degree Programmes

## 5. LIST OF POSTGRADUATE DEGREE PROGRAMMES

CODE	DEGREE	ABBREVIATION
<b>SMH</b>	<b>Honours Programmes</b>	
SMH1	Bachelor of Science Honours in Medical Sciences: Anatomy	BScHons (Medical Sciences) Anatomy
SMH2	Bachelor of Science Honours in Medical Sciences: Anatomical Pathology	BScHons (Medical Sciences) Anatomical Pathology
SMH3	Bachelor of Science Honours in Medical Sciences: Chemical Pathology	BScHons (Medical Sciences) Chemical Pathology
SMH4	Bachelor of Science Honours in Medical Sciences: Haematological Pathology	BScHons (Medical Sciences) Haematological Pathology
SMH5	Bachelor of Science Honours in Medical Sciences: Medical Physics	BScHons (Medical Sciences) Medical Physics
SMH6	Bachelor of Science Honours in Medical Sciences: Medical Microbiology	BScHons (Medical Sciences) Medical Microbiology
SMH7	Bachelor of Science Honours in Medical Sciences: Pharmacology	BScHons (Medical Sciences) Pharmacology
SMH8	Bachelor of Science Honours in Medical Sciences: Physiology	BScHons (Medical Sciences) Physiology
SMH9	Bachelor of Science Honours: Psychology (Hons)	BScHons: Psychology
SMH10	Bachelor of Science Honours in Medical Sciences: Medical Virology	BScHons (Medical Sciences) Medical Virology
<b>SMM</b>	<b>Masters Programmes</b>	
MMDB01	Master of Medicine in Anaesthesiology	MMed (Anaesthesiology)
MMDA01	Master of Medicine in Anatomical Pathology	MMed (Anatomical Pathology)
MMEF01	Master of Medicine in Cardio-Thoracic Surgery	MMed (Cardio-Thoracic Surgery)
MPYA090	Master of Medicine in Clinical Pharmacology	MMed (Clinical Pharmacology)
MMDH01	Master of Medicine in Clinical Pathology	MMed (Clinical Pathology)
MMDJ01	Master of Medicine in Chemical Pathology	MMed (Chemical Pathology)
MMDP01	Master of Medicine in Dermatology	MMed (Dermatology)
MMDL01	Master of Medicine in Diagnostic Radiology	MMed (Diagnostic Radiology)
MMF01	Master of Medicine in Family Medicine	MMed (Family Medicine)
MMDI01	Master of Medicine in Forensic Pathology	MMed (Forensic Pathology)
MMDG01	Master of Medicine in Haematological Pathology	MMed (Haematological Pathology)
MMDQ01	Master of Medicine in Internal Medicine	MMed (Internal Medicine)
MMDK01	Master of Medicine in Microbiological Pathology	MMed (Microbiological Pathology)
MMG01	Master of Medicine in Neurology	MMed (Neurology)
MMEA01	Master of Medicine in Neurosurgery	MMed (Neurosurgery)
MMDM01	Master of Medicine in Nuclear Medicine	MMed (Nuclear Medicine)
MMDC01	Master of Medicine in Obstetrics and Gynaecology	MMed (Obstetrics & Gynaecology)
MMDD01	Master of Medicine in Ophthalmology	MMed (Ophthalmology)
MMED01	Master of Medicine in Orthopaedics	MMed (Orthopaedics)
MMDE01	Master of Medicine in Otorhinolaryngology	MMed (Otorhinolaryngology)
MMD01	Master of Medicine Paediatrics and Child Health	MMed (Paediatrics & Child Health)
MMEC01	Master of Medicine in Plastic Surgery	MMed (Plastic Surgery)
MMDR01	Master of Medicine in Psychiatry	MMed (Psychiatry)

MMDF01	Master of Medicine (Public Health Medicine)	MMed (Public Health Medicine)
MMEE01	Master of Medicine in Surgery	MMed (Surgery)
MMEB01	Master of Medicine in Urology	MMed (Urology)
MMDN01	Master of Medicine in Virological Pathology	MMed (Virological Pathology)
MCP01	Master of Science in Clinical Psychology	MSc (Clinical Psychology)
<b>SMD</b>	<b>Doctor of Philosophy</b>	<b>PhD</b>
DHMA01	Doctor of Philosophy in Anatomical Pathology	PhD in Anatomical Pathology
DHMA01	Doctor of Philosophy in Anatomy	PhD in Anatomy
DHMA01	Doctor of Philosophy in Chemical Pathology	PhD in Chemical Pathology
DHMA01	Doctor of Philosophy in Forensic Pathology	PhD in Forensic Pathology
DHMA01	Doctor of Philosophy in Haematological Pathology	PhD in Haematological Pathology
DHMA01	Doctor of Philosophy in Medical Microbiology	PhD in Medical Microbiology
DHMA01	Doctor of Philosophy in Medical Virology	PhD in Medical Virology
DHMA01	Doctor of Philosophy in Physiology	PhD in Physiology
<b>SMD</b>	<b>Doctor of Medicine</b>	<b>MD</b>
312	Doctor of Medicine in Anatomical Pathology	MD in Anatomical Pathology
316	Doctor of Medicine in Chemical Pathology	MD in Chemical Pathology
321	Doctor of Medicine in Forensic Pathology	MD in Forensic Pathology
323	Doctor of Medicine in Haematological Pathology	MD in Haematological Pathology
<i>DOE01</i>	Doctor of Medicine in Medical Biochemistry	MD in Medical Biochemistry
326	Doctor of Medicine in Medical Microbiology	MD in Microbiology
<i>DOE01</i>	Doctor of Medicine in Medical Virology	MD in Medical Virology
<b>SMD</b>	<b>Doctor of Medicine</b>	<b>DSc Med</b>

## 6. GENERAL RULES

The General Rules (G1-G27) of the University will apply and thereafter the School of Medicine Rules will apply. See separate booklet for full set of General Rules.

- G1 General Rules** – see separate booklet for full set of rules
- G1.1 Students are personally responsible for ensuring that they are well informed regarding the General Rules and relevant school rules and that they comply with said rules.
- G2 Admissions** – see separate booklet for full set of rules
- G3 Registration** – see separate booklet for full set of rules
- 4.1 **Enrolment** – see separate booklet for full set of rules
- G4.1-9 See separate booklet
- G4.10 Enrolment under program changes**
- G4.10.1 Where the rules for a programme change substantially a student shall be required to register under the new programme rules whether such a student has interrupted his or her studies
- G4.10.2 On the recommendation of the relevant school, Senate may approve interim measures to enable a student who commenced his or her studies under a previous programme, to complete his or her studies according to the current, revised programme, with the understanding that certain accumulated credits may not count
- G5. Timetables** – see separate booklet for full set of rules
- G6 Payment of fees** – see separate booklet for full set of rules
- G7. Registering for modules for non-qualification purposes** – see separate booklet for full set of rules
- G8. Recognition of modules for credit or exemption** – see separate booklet for full set of rules
- G9. RECOGNITION OF MODULES FOR CREDIT OR EXEMPTION**– see separate booklet for full set of rules
- G10. RETENTION OR LOSS OF CREDITS**
- G10.1 When a student has interrupted his or her studies at the University and wishes to resume his or her studies after a period that exceeds the shelf life of some or all modules previously successfully completed, Senate may, on the recommendation of the school, nullify the credits thus earned or any exemption or recognition granted from a qualifying module. Such a student, if readmitted, must then repeat the module, or an alternative module, to master the changed content.
- G10.2 A student, who interrupts his or her studies, may retain the credits for each module passed only for the following maximum, periods stated in this Rule, unless school rules determine otherwise, and provided that the total duration of permitted study for the qualification as delineated in Rule G11 has also not already been exceeded:

Programme	Duration
Undergraduate & Postgraduate Diplomas	1 year
Bachelor's degrees	3 years
Honours degrees	2 years
Master's degrees	1 or 2 years as appropriate

## G11. DURATION OF STUDY

- G11.1 Subject to the stipulations in Rules G8.1 and the provision of Rule G12, every student at the University registered in one of the qualifications listed in this Rule follows an approved programme of study as prescribed by the Rules. Each study programme has the duration periods indicated below:

	Minimum	Maximum
BScHons (Medical Sciences) BScHons Anatomy	1 year	2 years
BScHons (Medical Sciences): Anatomical Pathology	1 year	2 years
BScHons (Medical Sciences): Chemical Pathology	1 year	2 years
BScHons (Medical Sciences): Haematological Pathology	1 year	2 years
BScHons (Medical Sciences): Human Genetics	1 year	2 years
BScHons (Medical Sciences): Medical Biochemistry	1 year	2 years
BScHons (Medical Sciences): Medical Microbiology	1 year	2 years
BScHons (Medical Sciences): Medical Virology	1 year	2 years
BScHons (Medical Sciences): Medical Physics	1 year	2 years
BScHons (Medical Sciences): Medical Physiology	1 year	2 years
BScHons (Medical Sciences (Psychology))	1 year	2 years
BScHons (Medical Sciences): Physiology	1 year	2 years

- G11.2 See separate booklet for full set (speak to Bachelors' degrees)
- G11.3 A part-time student may extend the maximum period of registration set out in G11.1 by one year
- G11.4 See separate booklet for full set
- G11.5 Senate may permit a student to register for a longer period than defined in G11.1 where the Senate considers that exceptional circumstances exist.
- G11.6 Senate may on application by the student, supported by the supervisor allow a longer period of registration for a postgraduate degree than the maximum defined in Rule G 11.1 where a research programme requires this.
- G12 **Change of programmes and simultaneous registration for two or more modules** – see separate booklet
- G13 **Assessment** – see separate booklet
- G14 **Summative assessment** –see separate booklet
- G15 **Supplementary Assessment (for UG studies only)** – see separate booklet
- G16 **Deferred Summative Assessment** – see separate booklet
- G17 **Special summative assessment (for UG studies only)** – see separate booklet
- G18 **Deviation from standard programme time limits** – speaks to assessment time – see separate booklet
- G19 **Assessment Fraud and Dishonesty** – see separate booklet
- G20 **Assessors, Examiners and Moderators** – see separate booklet
- G21 **Distinction in a module** – see separate booklet
- G22 **Failure in a module** – see separate booklet
- G23 **Viewing and remarking scripts** – see separate booklet
- G24 **Awarding of Qualification** – see separate booklet

- G25. **ADMISSION TO POSTGRADUATE STUDIES**
- G25.1 A candidate may not register for a postgraduate qualification unless he or she holds a bachelor's degree, except where a school rule permits otherwise.
- G25.2 A student wishing to interrupt his or her studies must apply in advance for permission from the Senate to do so.
- G26 **Limitation on the activity of a student for reasons of ill health** – see separate booklet
- G27 **Condonation of breach of rules** – see separate booklet

## **7. GENERAL RULES FOR HONOURS DEGREE PROGRAMMES**

### **ADMISSION TO STUDY FOR AN HONOURS DEGREE**

- GH1 A candidate for admission to an Honours programme must have:
- GH1.1 a relevant bachelor's degree or equivalent; and have obtained at least 60% as an average final mark in the appropriate academic third-year level major module or course which is the prerequisite for access to the Honours programme; **or**
- GH1.2 the special recommendation of the school concerned, based on assessment of potential and quality of prior studies.

### **DURATION OF STUDY**

- GH2 The minimum and maximum study duration for the Honours degree is as described in Rule G11.

### **COMPOSITION OF AN HONOURS PROGRAMME**

- GH3 Each Honours programme is composed of the modules prescribed in the relevant school rules, which, where appropriate, prescribe the other elements of the programme including papers, projects, extended essays and/or practicals.

### **ASSESSMENT**

- GH4 The Honours degree is offered full-time over one calendar year and students must complete the summative assessment(s) during the assessment periods determined by Senate.
- GH5 In order to pass, a student must obtain a minimum of 50% in every prescribed module in the programme.
- GH6 Submission and assessment of Honours research reports must conclude before the end of March in the year following the year of enrolment for the degree.

## **8. SCHOOL RULES FOR HONOURS DEGREE PROGRAMME (SMH)**

### **SMH01.1 Selection and Admission**

#### **Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the HoD through Office of the Registrar.
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

#### **Admission requirements**

- (i) Students who hold the relevant Bachelor's degree from Sefako Makgatho Health Sciences University or equivalent qualification from another South African university or International University (at NQF 7) can register for the degree if selected based on the specific programme requirements
- (ii) No student who obtained less than 60% for the course in question at the pre-graduate level will be allowed to do Honours degree programme except when permitted by the HoD and the Dean of the School of Medicine.
- (iii) In certain circumstances (in line with RPL policy), students with non-degree qualifications can be admitted to a degree program after successful completion of a special admission examination and upon recommendation by Senate.
- (iv) A special admission examination would consist of a BSc examination in two courses at third year level of which one would be the course in which the student intends to do their Honour's degree programme. The two courses have to be written in the same examination. The special admission examination will therefore not differ in any way from that of students for the BSc degree.
- (v) No re-examination or supplementary examination will be allowed in a special admission examination.
- (vi) As in the case of graduates, students in a special admission examination will have to obtain at least 60% in the course in which they intend to do an Honour's degree programme.
- (vii) For those Honours degree programmes where professional registration is required, all students should provide evidence of registration in the relevant category with paid up annual fees (e.g. HPCSA) within 3 months of admission to SMU

### **SMH01.2 Duration of the course**

The duration of the programme shall be a minimum of one academic year full-time or two successive academic years part-time.

### **SMH01.3 Curriculum**

Each Honours programme is composed of the modules prescribed in the relevant programme rules, which, where appropriate, prescribe the other elements of the programme including papers, projects, extended essays and/or practicals.

### **SMH01.4 Assessment**

- (i) The Honours degree is offered full-time over one calendar year or part time over two successive academic years and students must complete the summative assessment(s) during the assessment periods determined by Senate.
- (ii) In order to pass, a student must obtain a minimum of 50% in every prescribed module in the programme.
- (iii) Submission and assessment of Honours research reports must conclude before the end of February and/or as published in the university calendar in the year following the year of enrolment for the degree.

## 9. PROGRAMME RULES: HONOURS DEGREES

### SMH 1 BSC HONOURS IN MEDICAL SCIENCES: ANATOMY PROGRAMME

#### Programme Information

Head of Department: Professor R Ndou

Department Secretary: Ms M Mopai/ Ms G Leeu

Course Coordinator: Dr D Pillay and Dr S Govender

**Note: Program details will be made available soon once accreditation process is completed.**

### SMH 2 BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: ANATOMICAL PATHOLOGY (HMSA01)

#### Programme Information

Head of department: Dr M. C. Khaba (Acting)

Coordinator: Dr M.C Khaba (Acting)

Departmental Secretary: Ms M Moeketsane (NHLS)

Programme Title: Bachelor of Science Honours in Medical Sciences: Anatomical Pathology (HMSA01)

Programme abbreviation: BScHons (Medical Sciences) Anatomical Pathology

Programme Code: HMSA01

HPCSA Accreditation: Fully accredited

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
	Bachelor of Science Honours in Medical Sciences: Anatomical Pathology	8	120

#### SMH 2.1 SELECTION AND ADMISSION REQUIREMENTS

##### 2.1.1 Selection

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the HoD through Office of the Registrar.
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

##### 2.1.2 Admission

- (i) Students who hold a BSc (Med) degree from Sefako Makgatho Health Sciences University or equivalent qualification from another South African University can register for the degree if selected (if the requirement of (c) below is met) with anatomy as their major.
- (ii) Students who hold similar qualifications may enquire from the heads of various departments concerned what requirements would be for them to obtain BSc (Med) Status at Sefako Makgatho Health Sciences University. No person is, however, automatically entitled to BSc (Med) status regardless of the type and number of qualifications they hold.
- (iii) Students who do BSc (Med) (Hons) in any discipline should request registration as a Medical Scientist in training with the Professional Board at the Health Professions Council of South Africa. After obtaining a degree all successful students may register as medical scientists in the category of Biological Sciences after having obtained the practical experience in a laboratory accredited for that purpose.

#### SMH 2.2 DURATION

The duration of the programme shall be a minimum of one academic year full-time or two successive

academic year.

<b>SMH 2.3</b>	<b>CURRICULUM</b>
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- (i) The degree may first be taken in any branch of a major course as mutually agreed upon in consultation with the head of the relevant department. The full curriculum to be covered, including possible additional requirements, will be submitted to the Senate for approval.
- (ii) The course will consist of the following modules

Module Code	Name of Module	Credits
MAPA081	Cellular pathology	20
MAPB082	Laboratory techniques in cellular pathology	20
MAPA080	Research project	40
MAPB081	Introduction to Advanced Anatomical Pathology	20
MAPA082	Laboratory Techniques in Advanced Anatomical Pathology	20
Total		120

- (iii) It is considered that a BSc Med graduate has sufficient grounding in the basic medical courses (Anatomy, Physiology) to qualify for post-graduate study in these fields. Moreover, where practicable students will be required to attend the normal lecture program in the discipline concerned together with the relevant medical group concurrently with their honours study. Admission to an Honours programme shall at all times be subject to approval by the relevant head of department and acceptance of the prescribed curriculum by the student.
- (iv) Prospective students should note that the above-mentioned courses will only be offered if staff is available in the respective departments to present the degree.
- (v) Heads of Department shall determine curriculum according to individual circumstances and organize lecturers and practicals at their own discretion
- (vi) It is the prerogative of the head of department to prescribe study of such additional courses, as he may deem necessary concurrently with the honour's study.
- (vii) A course in statistics is required.
- (viii) Practical laboratory work may be undertaken in specific projects. The student may be required to submit a written report on his/her work.
- (ix) The students are required to rotate in the laboratory.

<b>SMH 2.4</b>	<b>REGISTRATION WITH THE HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA</b>
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Students who do the BSc (Med) (Hons) in any discipline should request registration as a medical Scientist in training at the professional Board at the Health Professions Council of South Africa. After obtaining the degree and students may register as Medical scientists in the category of Biological Scientist after having obtained the required experience in a laboratory accredited for that purpose.

<b>SMH 2.5</b>	<b>ASSESSMENT</b>
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Formative assessment may be applied in form of tests and assignments. Summative assessment will consist of three, three-hour written paper for Cellular Pathology (MAPA081) and Introduction to Advanced Anatomical Pathology (MAP081). Two assignments will be written on Laboratory Techniques in Cellular pathology (MAPB082) and Laboratory Techniques in Advanced Anatomical Pathology (MAPA082). For the **Research module**, students should submit and pass a mini-research project under guidance of a project supervisor (s). The project proposal needs to be submitted to the ethics committee for approval prior to the commencement of the research project. Final mark = mark of external or internal examiner (100 %). A subminimum of 50% is required to pass the research module.

<b>SMH2.6</b>	<b>GRANTING OF THE DEGREE</b>
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To qualify for the degree, candidates are required to obtain a minimum of 50% in each subject.

**SMH 3 BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: CHEMICAL PATHOLOGY (HMSD01)****Programme Information**

Head of department: Prof. Donald Tanyanyiwa

Coordinator: Dr Tumelo Mapheto

Departmental Secretary: Ms Veronica Nkoana/ Ms Matseleng Maponya

Programme Title: Bachelor of Science Honours in Medical Sciences: Chemical Pathology

Programme abbreviation: BScHons (Medical Sciences): Chemical Pathology

Programme Code: HMSD01

HPCSA Accreditation: Not Required

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
	BSc Hons (Medical Sciences): Chemical	8	120

**SMH 3.1 SELECTION AND ADMISSION REQUIREMENTS****3.1.1 Selection**

- 1.1. For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar
- 1.2. Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

**3.1.2 Admission**

- (i) Students who hold a BSc (Med) degree from Sefako Makgatho Health Sciences University or equivalent qualification from another South African University or international university can register for the degree if selected.
- (ii) To be considered for Honours degree in chemical pathology, the student who holds a BSc (Med) degree from Sefako Makgatho Health Sciences University must have physiology and biochemistry as their major subjects or equivalent modules from another South African University or international University.
- (iii) Must have obtained at least 60-65% average final mark (65% is preferred) in their academic third-year level module or course (mandatory – Physiology/Pathophysiology and Biochemistry) which is the prerequisite for access to the Honours programme.
- (iv) Only a limited number of students will be admitted into the degree annually, therefore students will be selected on merit.

**SMH 3.2 DURATION**

One academic year fulltime or two academic years (part -time).

**SMH 3.3 CURRICULUM**

The course will consist of the following modules

Module Code	Name of Module	Credits
MMBA080	Research Project Pathology	80
MABB080	Chemical Pathology Laboratory Practice	12
MMBC080	Chemical Pathology of Diseases	8
MMMC080	Molecular Biology	20
Total credits		120

It is considered that a BSc (Med) graduate has a sufficient grounding in the basic medical courses (Anatomy, Physiology, Human Biochemistry) to qualify for post-graduate study in this field. Moreover, whenever practicable students will be required to attend normal lecture programme in the discipline concerned together with relevant medical student group concurrently with their honours study. The Head of department and acceptance of the prescribed curriculum by the student shall always subject admission to the honours program to the approval.

<b>SMH 3.4</b>	<b>ASSESSMENT</b>
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Formative assessment may be applied in form of tests, tutorials and assignments. Summative assessment will consist of one three-hour written paper for Chemical Pathology Laboratory Practice (MMBA 080) and Chemical Pathology of Diseases (MMBC080). Molecular Biology (MMMC080) assessment will be a set by the Microbiology department.

For the **Research module**, students should submit and pass a mini-research project under guidance of a project supervisor(s). The project proposal needs to be submitted to the ethics committee for approval prior to the commencement of the research project. Final mark = mark of external examiner (100 %). A subminimum of 50% is required to pass the research module.

Students are strongly recommended to attend and successfully complete the Research Methodology course.

<b>SMH 3.5</b>	<b>GRANTING OF THE DEGREE</b>
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To qualify for the degree, candidates are required to obtain a minimum of 50% in each subject.

<b>SMH4</b>	<b>BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: HAEMATOLOGICAL PATHOLOGY</b>
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**Programme Information**

Head of department: Prof Vanessa Moodley

Coordinator: Dr RP Mashele

Departmental Secretary: Mrs Hester Bruwer

Programme Title: Bachelor of Science Honours in Medical Sciences: Haematological Pathology

Programme abbreviation: BScHons (Medical Sciences): Haematological Pathology

Programme Code:(HMSF01)

HPCSA Accreditation: Not required

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
117097	Bachelor of Science Honours in Medical Sciences: Haematological Pathology	8	120

<b>SMH 4.1</b>	<b>SELECTION AND ADMISSION REQUIREMENTS</b>
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<b>4.1.1</b>	<b>Selection</b>
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- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar.
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

<b>4.1.2</b>	<b>Admission</b>
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- (i) To be considered for the honours degree in Haematological Pathology, students who holds a BSc (Med) degree from Sefako Makgatho Health Sciences University must have Physiology

- (PHYL300, MPLC031) as one of their majors or equivalent module from another South African University or international university.
- (ii) Normally, no student who obtained less than 60% aggregate in physiology at pre-graduate level will be allowed to do the honours degree programme without having written a special admission examination. The head of department and the Dean will determine the nature of such an admission examination.

#### SMH 4.2 DURATION OF THE COURSE

The duration of the programme shall be a minimum of one academic year full-time.

#### SMH 4.3 CURRICULUM

The degree programme consists of four (4) modules including a supervised Research Project. All four modules including the research module are compulsory. The modules are reflected below:

Module Code	Name of Module	Number of Credits
MHPA080	Research Project (Haematological Pathology)	40
MHPB080	Introduction to Haematology	32
MHPC080	Haematological Pathology Laboratory Aspects	16
MHPD080	Haematological Pathology	32
Total number of credits		120

In addition, students will be required to attend the haematological pathology lecture programme together with the relevant medical student group concurrently with their honours study. Students are required to attend and successfully complete the Research Methodology course.

#### SMH 4.4 ASSESSMENT

Formative assessment may be applied in form of tests, tutorials, presentations and assignments. Summative assessment will consist of one three-hour written paper for Introduction to Haematology MHPB080 and Haematological Pathology Laboratory Aspects MHPC080. The summative assessment for the Haematological Pathology: MHPD080 module will consist of one three-hour written paper and a thirty-minute oral assessment. A subminimum of 40 % in each module is required in order to qualify to write the final examination. The final module mark is calculated using the year mark and examination mark i.e. Final mark = Year mark (60 %) + Examination mark (40 %).

For the **Research module**, students should submit and pass a mini-research project under guidance of a project supervisor(s). The project proposal needs to be submitted to the university research and ethics committee for approval prior to the commencement of the research project. Final mark = mark of external examiner (100 %). A subminimum of 50% is required to pass the research module.

#### SMH 4.5 GRANTING OF THE DEGREE

To qualify for the degree, candidates are required to obtain a minimum final mark of 50% in each of the modules.

### SMH 5 BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: MEDICAL PHYSICS

#### Programme Information

Head of department: Mr Mandiwana (Acting)  
 Coordinator: Mr Mandiwana  
 Departmental Secretary: Petro van der Westhuizen  
 Email address: petro.vanderwesthuizen@smu

Telephone: 012 521 4385

Programme Title: Bachelor of Science Honours in Medical Sciences: Medical Physics

Programme abbreviation: BSc (Hons) (Medical Sciences): Medical Physics

Programme Code: HMSC01

HPCSA Accreditation: Not Required

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
	Bachelor of Science Honours in Medical Sciences: Medical Physics	8	120

## **SMH 5.1 | SELECTION AND ADMISSION REQUIREMENTS**

### **5.1.1 | Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

### **5.1.2 | Admission**

- (i) Applicants must be in possession of a B.Sc. degree majoring in Physics or a B.Sc. (Med) in Radiation Sciences or any qualification deemed equivalent by the University.
- (ii) Applicants must obtain at least 60% as an average final mark for Physics module and an ancillary module.

## **SMH 5.2 | DURATION**

The duration of the programme shall be a minimum of one academic year full-time or two successive academic years on part-time.

## **SMH 5.3 | CURRICULUM**

The degree programme consists of seven (7) modules. Four (4) of which are clinical modules, two (2) are non-clinical modules and a supervised Research project.

The following (clinical) modules and the research module are also compulsory:

Module Code	Name of Module	Credits
MMPB080	Medical Physics in Nuclear Medicine	12
MMPC080	Medical Physics in Radiotherapy	16
MMPE080	Medical Physics in Radiology	16
MMPI080	Radiation Physics for Medical Physics	12
MMPA080	Research Project (Medical Physics)	40

Any two (2) of the following four (4) non-clinical modules may be taken after consultation and with approval of the Head of department of Medical Physics:

Module Code	Name of Module	Credits
MMPG080	Mathematical Methods Medical Physics	12
MMPH080	Nuclear Physics	12
MMPJ080	Statistical Mechanics	12
MMPK080	Electrodynamics	12

Students are strongly recommended to attend and successfully complete the Research Methodology course.

**SMH 5.4 ASSESSEMENT**

- (i) Formative assessment may be applied in form of tests, tutorials and assignments. Summative assessment will consist of one three-hour written paper for all the 4 clinical modules and the 2 non- clinical modules. A subminimum of 40 % in each module is required in order to qualify to write the final examination. The final module mark is calculated using the year mark and examination mark i.e. Final mark = Year mark (60 %) + Examination mark (40 %). No examination exemption or re- examination is applicable.
- (ii) For the **Research module**, students should submit and pass a mini-research project under guidance of a project supervisor (s). The project proposal needs to be submitted to the ethics committee for approval prior to the commencement of the research project. Final mark = mark of external examiner (100%). A subminimum of 50% is required to pass the research module.

**SMH 5.5 GRANTING OF THE DEGREE**

To qualify for the degree, candidates are required to obtain a minimum final mark of 50% in each of the modules.

**SMH 6 BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: MEDICAL MICROBIOLOGY****Programme Information**

Head of department: Prof M Nchabeleng

Coordinator: Dr MC Leroux

Departmental Secretary: Ms M Mosima

Programme Title: Bachelor of Science Honours in Medical Sciences: Medical Microbiology

Programme abbreviation: BScHons (Medical Sciences: Microbiology)

Programme Code: HMSG01 HPCSA Accreditation: Not Required

SAQA

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
117097	Bachelor of Science Honours in Medical Sciences: Medical Microbiology	8	120

**SMH 6.1 SELECTION AND ADMISSION REQUIREMENTS****6.1.1 Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

**6.1.2 Admission**

- (a) Eligibility for admissions a candidate to this degree requires a BSc (Med) degree, or BSc (Med) status granted by the Senate with Microbiology
- (b) Students with a BSc (Med) or equivalent degree with Microbiology as a major can apply for this course. Students from SMU without Microbiology must have Biochemistry as major.
- (c) A candidate with a non-medical BSc Degree with majors in Microbiology is eligible for admission, but also has to obtain BSc (Med) by attending and passing a course in Medical Microbiology during the duration of the BSc (Med) training.

<b>SMH 6.2</b>	<b>DURATION</b>
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One (1) academic year fulltime and two academic years on part-time

<b>SMH 6.3</b>	<b>CURRICULUM</b>
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The course will consist of the following courses offered by the department of Medical Microbiology

Module Code	Name of Module	Credits
MMMD 080	Medical (basic) Microbiology	16
MMMC080	Molecular Biology	32
MMMB080	Advanced Microbiology	32
MMMA080	Research project in Medical Microbiology	40
Total		120

Students may be required to attend the normal microbiology lecture programme together with the relevant medical student group concurrently with their honours study.

Students are strongly recommended to attend and successfully complete the Research Methodology course.

<b>SMH 6.4</b>	<b>ASSESSMENT</b>
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**Medical Microbiology (MMMD080)**, the formative assessments will comprise of a practical assessment in the laboratory, 2 written tests (3 hours each); 1 test with MBChB 3 (2 hours). The summative assessment will include 2 written papers (3 hours each) and oral examinations for vulnerable students. The year mark will contribute 60% towards the final combined mark (FCM) for the standard examinations.

**Advanced Microbiology (MMMB080)**, the formative assessments will include written assignments, oral presentations and two class tests (3 hours each). The summative assessment will comprise of 2 written papers (3 hours each) and an oral examination in the presence of an external examiner. The year mark will contribute 50% towards the final combined mark (FCM).

**Molecular Biology (MMMC080)**, students will be assessed at the end of each topic through written assignments. Three class tests (3 hours each) will be written. The summative assessment will comprise of 2 written papers (3 hours each) and an oral examination in the presence of an external examiner for vulnerable students. The year mark will contribute 50% towards the final combined mark (FCM)

For the Research Project in Medical Microbiology (MMMA080) students should submit and pass a mini-research project under guidance of a project supervisor (s). The project proposal need to be submitted to the ethics committee for approval prior to the commencement of the research project. Final mark = mark of external examiner (100 %). A subminimum of 50% is required to pass the research module.

<b>SMH 6.5</b>	<b>GRANTING OF THE DEGREE</b>
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To qualify for the degree, candidates are required to obtain a minimum final mark of 50% in each of the modules.

**SMH 7 BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: PHARMACOLOGY (HMSI01)****Programme Information**

Head of department: Prof Elzbieta Osuch

Email: Elzbieta.Osuch@smu.ac.za

Departmental Secretary: Vacant

Programme Title: Bachelor of Science Honours in Medical Sciences: Pharmacology

Programme abbreviation: BScHons (Medical Sciences): Pharmacology

Programme Code: HMSI01

HPCSA Accreditation: Not Required

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
	Bachelor of Science Honours in Medical Sciences: Pharmacology	8	120

**SMH 7.1 SELECTION AND ADMISSION REQUIREMENTS****7.1.1 Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

**7.1.2 Admission**

- (i) Students who holds a BSc (Med) degree from Sefako Makgatho Health Sciences University or equivalent qualification from a South African University or an International university can register for the degree if selected (if the requirement of (iii) below is meet).
- (ii) Students who hold similar qualifications may enquire from the heads of various departments concerned what requirements would be for them to obtain BSc (Med) Status at Sefako Makgatho Health Sciences University. No person, is however, automatically entitled to BSc (Med) status regardless of the type and number of qualifications they hold.
- (iii) To be considered for honours degree in Pharmacology, students who holds a BSc (Med) degree from Sefako Makgatho Health Sciences University must have Physiology (PHYL300, MPLC031) as one of their majors or equivalent module from another South African University or international university.

**SMH 7.2 DURATION**

The duration of the programme shall be a minimum of one academic year full-time

**SMH 7.3 CURRICULUM**

- (i) The degree may firstly be taken in any branch of a major course as mutually agreed upon in consultation with the head of the relevant department. The full curriculum to be covered, including possible additional requirements, will be submitted to the Senate for proposal.
- (ii) It is considered that a BSc (Med) graduate has a sufficient grounding in the basic medical courses (Physiology, Biochemistry, Biology) to qualify for post-graduate study in these fields. Moreover, where practicable students will be expected to attend the normal lecture programme in the discipline concerned with the relevant medical students concurrently with their honours study. Admission to the honours programme shall at all times be subject to the approval of the head of the relevant department and acceptance of the prescribed curriculum by the student.
- (iii) The degree programme comprises the following disciplines.

070	Pharmacology	Course:	Credits
		MPYA080 Mini Dissertation in Pharmacology	30
		MPYB080 General Pharmacology	30
		MPYC080 Advanced Pharmacology	30
		MPYD080 Introduction to Research Techniques	30
	<b>Total</b>	<b>120</b>	

#### **SMH 7.4 ASSESSMENT**

Students will write three tests in MPYB080 General Pharmacology and MPYC080 Advanced Pharmacology and will require for each module a sub minimum of 40% to qualify for the examination. The final mark for each module shall be calculated as follows. Final mark = Year mark (60 %) + Examination mark (40 %). No examination exemption or re-examination is applicable.

MPYA080 Mini Dissertation in Pharmacology: Students perform a research project under guidance of a study leader and submit a mini-dissertation at the end of the year reflecting the research results. Students present their research to panel composed of internal and external examiners who will allocate a mark to each student. Final mark = mark of external examiner (100 %)

#### **SMH 7.5 GRANTING OF THE DEGREE**

To qualify for the degree, candidates are required to obtain a minimum final mark of 50% in each subject.

### **SMH 8 BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: PHYSIOLOGY**

#### **Programme Information**

Head of department: Prof H Majane

Departmental Secretary: Ms A de Beer Programme

Title: BScHons (Medical Sciences) Physiology

Programme abbreviation: BScHons (Medical Sciences) Physiology

Programme Code: HMSK01

HPCSA Accreditation: Not required

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Credits
130899	BScHons (Medical Sciences) Physiology	8	120

#### **SMH 8.1 SELECTION AND ADMISSION REQUIREMENTS**

##### **8.1.1 Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar.
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

##### **8.1.2 Admission**

- (i) Applicants must be in possession of a BSc degree with Physiology (or equivalent) as a major course and Biochemistry as an ancillary subject.
- (ii) Normally, no student who obtained less than 60% for Physiology at graduate level will be allowed to do Honours degree programme without having written a special Admission examination. The

head of the department will determine the nature of such an Admission examination.

<b>SMH 8.2</b>	<b>DURATION</b>
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One (1) academic year. Only full-time students can be accommodated.

<b>SMH 8.3</b>	<b>CURRICULUM</b>
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The course will consist of the following modules

	Module Code	Name of Module	Credits
Physiology	MPLA080	Human Physiology (Research Project)	40
	MPLB080	General Physiology and Physiological Chemistry	32
	MPLC080	Literature Reviews in Human Physiology	16
	MPLO080	Advanced Topics in Physiology and Pathophysiology	32
Total Credits			120

Master classes in the general and pathophysiology of the following systems

1. Cardiovascular system
2. Neurophysiology and special senses
3. Blood & Immunity
4. Renal, Body fluids and Acid-base balance
5. Endocrinology & Body Temperature

The advanced topics that includes the relevant normal physiology as well as the pathophysiology are:

1. Blood glucose regulation and diabetes mellitus
2. HIV and AIDS
3. Integration of renal mechanisms for control of ECF volume and BP
4. Functions of the liver
5. Control of calcium and phosphate metabolism
6. Topics listed as part of the MMED/MDS/MDENT programme

The candidates are strongly encourage to consider registering and successfully completing a Research and Methodology course (MDRM191) presented by the Research office which they also assess.

<b>SMH 8.4</b>	<b>ASSESSMENT</b>
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Masterclasses on specific topics in Physiology and the related pathophysiology are presented throughout the year, written assessments take place after each series of masterclasses, and the average of these assessments will constitute the year mark. Year mark for each module contributes 60% towards the final combined mark. Physiology and Pathophysiology (MPLB 080), assessment will consist of a 3-hour written paper and an oral examination lasting 40 minutes. Written and oral examination contributes 50% each to the examination mark and 40% towards the final combined mark. The Research project (Human Physiology) (MPLA 080) Final mark = mark of external examiner (100 %) is contributing 40% to the final combined mark.

<b>SMH 8.5</b>	<b>GRANTING OF THE DEGREE</b>
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To qualify for the degree, candidates are required to obtain a minimum final mark of 50% in each

**SMH 9 BACHELOR OF SCIENCE HONOURS: PSYCHOLOGY (HONS) HSCS01****Programme Information**

Head of department: Vacant

Coordinator: Dr Beets

Departmental Secretary: Mrs C Van Staden

Programme Title: Bachelor of Science Honours: Psychology

Programme abbreviation: BScHons : Psychology

Programme Code: HSCS01

HPCSA Accreditation: Not Required

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
113355	Bachelor of Sciences Honours: Psychology	8	120

**SMH 9.1 SELECTION AND ADMISSION REQUIREMENTS****9.1.1 Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

**9.1.2 Admission**

- (i) In order to qualify for admission, a student shall possess a Bachelor's degree. Alternatively, if Senate approves, he/she shall have completed the required courses for a Bachelors degree, or have had equivalent status conferred on him/her by Senate.
- (ii) Where a student is admitted without a Bachelor's degree or where equivalent status has not been granted, he/she shall pass all courses of the final year of the required bachelor's degree before convocation.

**SMH 9.2 CURRICULUM**

The is a one-year full-time academic course that consist of the following 5 Modules:

Module Code	Name of Module	Credits
MPCA081	Community Psychology and Psychological Assessment	20
MPCB081	Therapeutic Psychology and Psychopathology	20
MPCA082	Neuro-and Medical Psychology	20
MPCL080	Research Methods and Statistics	40
MPCB082	Developmental and Personality Psychology	20
Total		120

**SMH 9.3 ASSESSMENT**

Fomative assessment maybe applied in the form of tests and assignments. Summative assessment in each module will consist of one-three hour written paper and a research project to be completed for MPCL080. Research project will constitute 40% towards the summative mark for MPCL080. At this level of study, small groups of students conduct research projects under the guidance of supervisors. Final mark = mark of external examiner (100 %).

**SMH 9.4 GRANTING OF THE DEGREE**

To qualify for the degree, candidates are required to obtain a minimum final mark of 50% in each subject.

**SMH 10 BACHELOR OF SCIENCE HONOURS IN MEDICAL SCIENCES: MEDICAL VIROLOGY(HMSH01)****Programme Information**

Head of department: Prof SG Selabe

Coordinator: Dr OE Simani

Departmental Secretary: Ms K Mawasha

Programme Title: Bachelor of Science Honours in Medical Sciences: Medical Virology

Programme abbreviation: BScHons (Medical Sciences): Virology

Programme Code: HMSH 01

HPCSA Accreditation: Not Required

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
117097	Bachelor of Science Honours in Medical Sciences: Medical Virology	8	120

**SMH 10.1 SELECTION AND ADMISSION REQUIREMENTS****10.1.1 Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the HoD through the office of the Registrar
- (ii) Students who have been academically excluded in a similar program at any other University shall not be admitted to the School of Medicine.

**10.1.2 Admission**

- (i) Eligibility for admission of the candidate to this degree requires a BSc (Med) degree, or BSc (Med) status granted by the Senate with a major in Microbiology. Students without a major in Microbiology is eligible for admission as per condition stipulated in (ii) below depending on the availability of space
- (ii) A candidate with a non-medical BSc with no majors in Microbiology is eligible for admission, but has to obtain a BSc (Med) status by attending and passing a course in Medical Microbiology during the BSc (Med) (Hon) training

**SMH 10.2 DURATION**

One (1) full-time academic year.

**SMH 10.3 CURRICULUM**

The Department shall determine individual curriculum according to individual circumstances and organize lectures and practicals at their own discretion. A course program will be submitted to each student admitted to the course. The course will consist of the following modules offered by the Department of Virology

Module Code	Name of Module	Credits
MMMD080	Medical Microbiology	16
MMMC080	Molecular Biology	32
MMVB080	Advanced Virology	32

MMVA080	Research Project	40
Total		120

<b>SMH 10.4</b>	<b>ASSESSMENT</b>
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The modules will be assessed through formative and summative assessments. The Medical Microbiology (MMMD080) formative assessment will include practical assessments in laboratory, 2 written tests (3 hours each); 1 test with MBChB 3 (2 hours). The summative assessment will comprise of 2 written papers (3 hours each) and oral examinations for vulnerable students. The year mark will contribute 60% towards the final combined mark (FCM) for the standard examinations. The Advanced Virology (MMVB080) formative assessments will comprise of written assignments, oral presentations and two class tests (3 hours each). The summative assessment will consist of 2 written papers (3 hours each) and an oral examination for vulnerable students. The year mark will contribute 50% towards the final combined mark (FCM). The Molecular Biology (MMMC080) formative assessment will comprise of a written assignment on each completed topic and three class tests (3 hours each). The summative assessment will comprise of 2 written papers (3 hours each) and an oral examination in the presence of an external examiner for vulnerable students. The year mark will contribute 50% towards the final combined mark (FCM). The Research Project in Medical Virology (MMVA080) will be examined as follows: Final mark = internal assessment (20%) + external examiner (80%).

<b>SMH 10.5</b>	<b>GRANTING OF THE DEGREE</b>
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To qualify for the degree, candidates are required to obtain a minimum final mark of 50% in each subject.

## 10. GENERAL RULES FOR MASTER'S DEGREES

The General Rules for Master's degrees (GM1-GM25) of the University will apply and thereafter the School of Medicine Rules will apply.

See separate booklet for full set of General Rules for Master's Degrees.

## 11. SCHOOL RULES FOR MASTERS DEGREE PROGRAMME

### SMM1 GENERAL REGULATIONS FOR MMED DEGREE PROGRAMMES

#### SMM1.1 MMED SELECTION

- (i) Only a limited number of applicants can be admitted to the degree programme.
- (ii) Applicants must meet the requirements for appointment to a post of Registrar.
- (iii) Selection is on merit.
- (iv) Applicants who have been previously excluded from a postgraduate training programme in a Faculty/School of Medicine at any other University shall not be admitted to SMU.
- (v) Unless otherwise decided by Senate and described in the School rules for specific MMed degree programmes, the following general regulations apply in all MMed degree programmes.

#### SMM1.2 MMED ADMISSION AND DURATION

##### 1.2.1 Admission

In order to be admitted to an MMed degree a student must:

- (i) be in possession of an MBChB or equivalent degree
- (ii) be registered with the Health Professions Council of South Africa as a medical practitioner with paid-up annual fees
- (iii) meet any other requirements that may be enunciated in the rules for the specific degree for which registration is requested.
- (iv) be appointed to a Registrar's post recognised by the HPCSA. This post must be occupied for the full duration of registration as required under these rules.

##### 1.2.2 Admission of Supernumerary registrars

A Supernumerary Registrar is an externally-funded postgraduate student who enrolls for the MMed programme at SMU without being appointed to a registrar post on the Gauteng DOH payroll. Such a candidate do not receive a salary or employment benefits from the DOH. He/she may be funded by his/her government, or alternatively funded, however the duties and responsibilities are identical to those of DOH- employed registrars, since these are necessary in order to develop the clinical skills and experience required of Specialist.

1.2.2.1 Admission of South African Citizens as supernumerary registrars - A student must:

- (i) be in possession of an MBChB or equivalent degree
- (ii) be registered with the Health Professions Council as a medical practitioner with paid-up annual fees
- (iii) registered by the HPCSA (Health Professions Council of South Africa) with a training number allocated for the duration of the training period at SMU
- (iv) have permission from the relevant Department of Health (DOH) establishment to be trained at the facilities and perform the duties of registrars
- (v) meet any other requirements that may be enunciated in the rules for the specific degree for which registration is requested.

- 1.2.2.2 Admission of International supernumerary registrars - A student must:
- (i) be in possession of an MBChB or equivalent degree
  - (ii) be registered with the relevant Health Professions Council (in his/her home country) as a medical practitioner with paid-up annual fees
  - (iii) registered by the HPCSA (Health Professions Council of South Africa) with a training number allocated for the duration of the training period
  - (iv) have permission from the relevant Department of Health (DOH) and National Health Laboratory Services (NHLS) establishments to be trained at the facilities and perform the duties of registrars
  - (v) meet any other requirements that may be enunciated in the rules for the specific degree for which registration is requested.

<b>1.2.3</b>	<b>MMED Duration</b>
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The duration of MMed degrees will be as stipulated in the programme rules.

<b>SMM 1.3 MMED REGISTRATION AND REGISTRARSHIP processes at SMU</b>
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- (i) A candidate who is appointed to a Registrar's post between:
  - (a) January and March will be registered with the university as from January provided that the application with full supporting documentation is submitted to the University by 31st March. A late application will be handled as in SMM1.3 (i) (b) and (c) below;
  - (b) April and August will be registered with the university as from 1st July, provided the application with full supporting documentation is submitted to the University by 31st August. A late application will be handled as in SMM1.3 (i) (c) below; and
  - (c) September and December will be registered with the university as from 1st January of the following year, provided the application is submitted to the University before 31st March of the following year.
- (ii) Registration with the university must be renewed annually until completion of the course. A student who fails to register annually by the last date of registration as published in the University Calendar and/or aligned with the above will not be granted retrospective recognition of the period for which s/he was not registered.
- (iii) Annual registration will include the following:
  - (a) Complete registration forms for SMU and follow registration protocols
  - (b) Obtain the relevant signatures and stamp from the Dean's office for the relevant HPCSA forms
  - (c) The completed HPCSA forms is to be submitted to the HPCSA annually
- (iv) In general, the minimum duration of registration before the degree can be awarded is four years or longer as stipulated in the School rules for a specific MMed degree. The time requirement for granting the degree refers to both the time of registration, and the time of occupation of the registrar's post. The time required for the specific programmes may be more than required by the HPCSA for registration purposes.
- (v) In fulfilment of rule SMM 1.3.(iv) above, Senate may on recommendation of the Head of Department and Dean of School of Medicine recognize up to one year of previous postgraduate or other experience. Such time will be deemed to have been spent in the present Registrar's post when interpreting these rules. Senate is not compelled to recognize previous experience that may be recognized for registration purposes by the HPCSA.
- (vi) The primary, intermediate (where applicable), and final Assessments must be completed in the time period stipulated by the School rules for the specific MMed programme. Senate may on recommendation by the Head of Department and Dean of School, grant extension of this period. Unless School rules specify the maximum period of extension, Senate may stipulate a time by which such Assessment(s) must be completed. The student must register with the university for any such period of extension.

- (vii) If a student has not completed the required assessments by the end of the period of registration determined by School and programme rules, or extensions to such time, the Registrar's post must be vacated and the candidate may be deemed excluded from the course.
- (viii) The candidate has a right to continuation in the Registrar's post during any period of extension granted with respect to the time as defined in rule SMM1.3 (iv). However, should a Medical Officer's post be available in the Department, the candidate may apply as per due process and his/her appointment may be translated to that of Medical Officer, provided the candidate has completed the required clinical time.
- (ix) Senate may allow a person occupying a Medical Officer's post in an academic department or a post of demonstrator in the department of Anatomy to register in order for the candidate to write the primary assessment. The registration will be for non-degree purposes (NDP) but may be recognized for the degree should the candidate subsequently obtain a Registrar's post. Passing the primary Assessment does not guarantee that the candidate will be appointed to a Registrar's post in the department. Up to a maximum of one year of the time spent in the medical officer post may be recognized for the purposes of rule SMM 1.3. (iv).
- (x) If a candidate, who is already in possession of an equivalent qualification of the SA Colleges of Medicine of South Africa (CMSA), wishes to register for the MMed degree in the same field at SMU, she/he must be registered for the degree for a period of not less than 50% of the time normally expected for the degree. Such a student must occupy a Registrar's post for the same period. The mini- dissertation / publishable manuscript / published article must be completed within two years of registration unless School Board grants an extension.
- (xi) A student who is found guilty of misconduct by either the University or employing authority will be subjected to the relevant disciplinary rules.
- (xii) A student who de-registers must vacate the Registrar's post unless permission is granted for a specified time of interruption of studies. Application for interruption of studies should be received by the Head of Department within 6 months of being absent from scheduled activities.

<b>SMM 1.4 MMED ASSESSMENTS AND EXEMPTIONS</b>
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- (i) Assessments may be taken in midyear and/or at the end of the academic year annually.
- (ii) In order to pass an Assessment a minimum mark of 50% is required.
- (iii) A sub-minimum may be required in sub-divisions of the Assessment as communicated to candidates as per specific programme rules.
- (iv) Senate may grant a student exemption from a Sefako Makgatho Health Sciences University primary, intermediate, or final Assessment by virtue of having passed another Assessment of equivalent standard.
- (v) An Assessment programme is passed with distinction if the final assessment AND mini-dissertation / publishable manuscript / published article overall mark of 75% is obtained within the prescribed minimum time (N).

<b>1.4.1</b>	<b>MMED Primary Assessments</b>
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- (i) The primary Assessments shall consist of the courses as specified in the specific rules and may consist of an oral and/or a written and/or a practical and/or clinical component

- (ii) Candidates may have more than one attempt at passing the primary examinations.
- (iii) The modules may be written at different Assessment periods but all the prescribed modules must be completed within 18-24 months of first time registration as a Registrar with SMU. Senate may grant extension of 6 months to this period on the recommendation by the Head of Department and approved by the Dean of School.
- (iv) Senate may grant exemption from the primary Assessment by virtue of having passed an Assessment recognised by Senate as equivalent.
- (v) A candidate who obtains a mark of 70-74% may also be invited for an oral Assessment. If they obtain a FINAL mark of 75%, they PASS the primaries with a distinction.

1.4.1.1	Assessment of MMed Primary Assessments in Physiology
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- (i) Candidates who obtain less than 45% in the written paper FAIL the Assessment.
- (ii) Candidates who obtain 50% or more in the written paper PASS the Assessment.
- (iii) Candidates who obtain a mark of 45-49% in the written paper will be invited to attend an oral Assessment. If they obtain a mark of 50% or more in the oral Assessment, they PASS the Assessment with a mark of 50%.
- (iv) A candidate who obtains a mark of 70-74% will also be invited to attend for an oral Assessment. If they obtain a FINAL mark of 75% in the oral Assessment, they PASS the Assessment with a mark of 75%, i.e. with distinction.

1.4.1.2	Assessment of MMed Primary Assessments in Anatomy
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- (i) A candidate for MMed Primary Assessment in Anatomy has to achieve a sub-minimum of 45% in the written Assessment, in order to present him/herself for the oral Assessment.

<b>1.4.2</b>	<b>MMED Intermediate Assessments</b>
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- (i) The Intermediate Assessments shall consist of the courses as specified in the specific rules and may consist of an oral and/or a written and/or a practical and/or clinical component.
- (ii) The Assessment may only be undertaken after passing all the required modules for the primary Assessment and prescribed clinical rotations.

<b>1.4.3</b>	<b>MMED Final Assessments</b>
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- (i) The Final Assessments shall consist of the courses as specified in the specific rules and may consist of an oral and/or a written and/or a practical and/or clinical component.
- (ii) If a student has completed the required period of practical training in a registrar's post, School of Medicine may grant a student who has not written the final Assessment at the end of the prescribed period, twelve (12) months' extension (not more than twice), on written recommendation of the Head of Department and approval of the Dean of School. Such a student should vacate the registrar's post.
- (iii) The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination. Only in exceptional circumstances for students who have a research clearance certificate (SMUREC) may the HoD submit a written recommendation, together with an academic progress report compiled by the postgraduate administration office, to the SoM PGEC and MEDEX for permission to register for the final exit examination.

- (iv) No student would be considered to have passed the final Assessment unless all components was passed (written and/or oral and/or practical and/or clinical)
- (v) To obtain the MMed degree such a student shall:
  - (a) meet the research requirements of rule SMM1.4.4
  - (b) meet the requirement of registration and registrarship of the specific degree
  - (c) meet the requirements set by CMSA and/or passed MMed final clinical examination

<b>1.4.4</b>	<b>MMED Research</b>
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- (i) MMed candidates must submit a departmentally approved research proposal to School of Medicine Research Committee (SReC) within 18-24 months after first time registration. Failing to do so may result in exclusion from the programme.
- (ii) MMed candidates that do not have Sefako Makgatho Health Sciences University Research Ethics Committee (SMUREC) approval within 30-36 months after first time registration may be excluded from the programme.
- (iii) The final research project requirement may be met in any ONE of the following ways:
  - (a) A research based mini-dissertation, (the mini-dissertation is governed by General University and School rules regarding registration with SMUREC, supervisors and external assessors).
  - (b) Publication or acceptance of a peer-reviewed original research article is the most preferred mode of submission, in the relevant discipline, in a DHET accredited journal as the primary author
  - (c) Publishable manuscript
 \* Disciplines individually determine which mode of presentation is appropriate.
- (iv) In accordance with the SACOMD MMED Research Guidelines, 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. The following hard copy documents must be submitted to and approved by the Postgraduate Committee of the University Senate before the degree will be awarded:
  - publishable manuscript / published article;
  - an introduction and a conclusion to the research done
  - if accepted for publication, a certified copy of the acceptance letter from the journal editor; and
  - the Sefako Makgatho Health Sciences University Research Ethics Committee (SMUREC) clearance certificate for the research undertaken for the specific publication
- (v) The mini-dissertation/publishable manuscript/published article have to be submitted for assessment prior to registration for the final exit examination as per rule 1.4.3. (iii).

<b>SMM1.5</b>	<b>MMED GRANTING OF DEGREE</b>
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- (i) To obtain the MMed degree such a student shall:
  - (a) meet the research requirements of rule SMM1.4.4
  - (b) meet the requirement of registration and registrarship of the specific degree
  - (c) meet the requirements set by Colleges of Medicine in South Africa (CMSA) and/or passed the MMed final clinical examination
- (ii) An Assessment programme is passed with distinction if the final assessment AND mini-dissertation / publishable manuscript / published article overall mark of 75% is obtained within the prescribed minimum time (N).

## **SMM1.6 REGISTRATION FOR PhD OR MD FOLLOWING ON MMed**

A candidate wishing to register for a PhD or MD following on an MMed must have passed the mini-dissertation component for the MMed or provide other proof of research ability such as published research in an accredited journal.

## **SMM2 MASTERS OF MEDICINE DEGREE PROGRAMMES**

### **SMM2.1 MMED (ANAESTHESIOLOGY)**

#### **Programme Information:**

Head of department: Prof Kluyts  
Coordinator: Dr NL Makhubela  
Departmental Secretary: Ms. M Roux  
Departmental e-mail: [merche.roux@smu.ac.za](mailto:merche.roux@smu.ac.za)  
Programme Title: Masters of Medicine in Anaesthesiology  
Programme abbreviation: MMed (Anaesthesiology)  
Programme Code: MMDB01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	<a href="#">Qualification Title</a>	<a href="#">NQF Level</a>	Total Credits
<a href="#">117106</a>	Master of Medicine in Anaesthesiology	09	720

#### **Curriculum**

##### **Guiding principles: Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four (4) years / 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital.
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables.
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms.
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified.
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme.

##### **Guiding principles: Primary Assessment**

All primary assessments must be completed within 18 (eighteen) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months. The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MGPA190 General Physiology
- MAAA190 Pharmacology
- MAAB190 Applied Medical Physics and Statistics

##### **Guiding principles: Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as

required by HPCSA and CMSA.

- MAAC190 Anaesthesiology (including history, Principles and Practice of Anaesthesiology, Clinical Medicine and Surgery related to the Practice of Anaesthesiology, Application of Anatomy and Pathology to the Practice of Anaesthesiology)

**Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme.
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory.
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented in the CMSA examination.
- f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree

**Guiding principles: Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME Research methodology course – passed with 50%
  - MAAA090 Anaesthesiology Research Note:
- a. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination.
  - b. 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
  - c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Programme rules for admission and progression applies:**

SMM2.1	MMED (ANAESTHESIOLOGY)
1.	Entry requirements into the programme: <ol style="list-style-type: none"><li>1.1 Completed and passed MBCHB or equivalent</li><li>1.2 Completed Internship</li><li>1.3 Completed Community Service</li><li>1.4 Selected as per recruitment process, including interview</li><li>1.5 Additional relevant experience or courses e.g. PG Dip in Anaesthesia and/or primaries may be an advantage, but is not required.</li></ol>
2.	HPCSA requirements for placement and during training: <ol style="list-style-type: none"><li>2.1 HPCSA training post available</li><li>2.2 Registration with HPCSA updated and relevant fees paid annually</li></ol>
3.	Clinical training time required in order to complete the programme successfully: <ol style="list-style-type: none"><li>3.1 Minimum time span: N=48 Months</li><li>3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li><li>3.3 All Work-Place Based Assessment (WBA) requirements being met</li></ol>

<p>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension.</p> <p>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</p> <p>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1 Period in which to complete the Primary examination: Within 18-24 months of first registration</p> <p>4.2 Modules and/or scope of content: As specified per CMSA and MMED regulations.</p> <p>4.3 MMED primary subjects passed as per university rules. Candidates are required to have a minimum of 80% attendance of primary lectures/ tutorial in order to sit for such examination.</p> <p>4.4 Passed mark obtained and all CMSA and MMED requirements being met.</p>
<p><b>5. Final Assessment / Part 2 Examination:</b></p> <p>5.1. Period in which to complete Final Examination: 36-48 months of first registration</p> <p>5.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3. Pass mark must be obtained and all CMSA requirements must be met</p> <p>5.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>6. Research requirements</b></p> <p>6.1. Period: N=48 Months</p> <p>6.2. REME course completed and passed within 18 -24 months of first registration</p> <p>6.3. Research protocol submitted to SREC within 18-24 months of first registration</p> <p>6.4. Research protocol submitted to SMUREC within 30 months of first registration</p> <p>6.5. Research completed and submitted for external review within 44 months of first registration</p> <p>6.6. Research passed by two independent external examiners within 48 months of first registration</p>
<p><b>4. Exit of training post:</b></p> <p>7.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>7.1.1 Candidates who are still to complete research are to exit the registrar training post, but may be allowed under exceptional circumstances to register for an additional maximum number of 2 years in order to complete research requirements. Such additional registration will carry the indicated registration and course fees.</p> <p>7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>7.1.3 Candidates who are still to complete both the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2</p>

## SMM2.2 MMED (ANATOMICAL PATHOLOGY)

### Programme Information:

Head of department: Dr Khaba (Acting)  
Coordinator: Dr Khaba  
Departmental e-mail: [tshepo.sebesho@smu.ac.za](mailto:tshepo.sebesho@smu.ac.za)  
Departmental Secretary: Mr T Sebesho  
Programme Title: Masters of Medicine in Anatomical Pathology  
Programme abbreviation: MMed (Anatomical Pathology)  
Programme Code: MMDA091  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117107</a>	Master of Medicine in Anatomical Pathology	NQF Level 09	720

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four-years / 48 Months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital and/or NHLS
- Six months shall be spent in Cytopathological training.
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

- (i) The primary examination of the College of Medicine will not be recognised as equivalent to the MMed primary examination of Sefako Makgatho Health Sciences University
  - GPAM701 General Pathology
  - MATA190 General Pathology
- (ii) The examination shall consist of a three-hours written paper, a two hours practical (histopathology) paper and an oral examination of not more than 30 minutes. The weights of these parts will be as follows:

Written examination	-	50%
Practical examination	-	25%
Oral examination	-	25%
- (iii) A student with foreign qualifications who applies to be exempted from the primary examination will be considered on the basis of his/her qualifications and submitted to MEDEX and School Board for final decision.
- (iv) CMSA Primary examinations to be completed within 18 months after enrolment. The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.
- (v) Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 24 months.

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

The final examinations shall be in Anatomical Pathology and its allied sub-units e.g. Cytopathology, Electron Microscopy, Flow Cytometry, etc.

- ANPA761 Anatomical Pathology
- MATB190 Anatomical Pathology

The examination shall consist of two three hours written papers (Paper 1 being general principals, management, techniques, etc, paper II being diagnostic histo- and cytopathology), a post-mortem, a three-hours histopathology practical and an oral examination for about one hour's duration.

#### **Note:**

- (i) Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- (ii) Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- (iii) The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- (iv) Students must pass the clinical component of the examination regardless of marks obtained for theory
- (v) A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- (vi) The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

#### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required.

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME Research methodology course – passed with 50%
- MATA090 Dissertation (Anatomical Pathology)

#### **Note:**

- (i) Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- (ii) 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
- (iii) The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

#### **Programme rules for admission and progression applies:**

##### **SMM2.2 MMED (ANATOMICAL PATHOLOGY)**

##### **1. Entry requirements into the programme:**

- 1.1. Completed and passed MBCHB or equivalent
- 1.2. Completed Internship
- 1.3. Completed Community Service
- 1.4. Selected as per recruitment process, including interview
- 1.5. Additional relevant experience or courses e.g. PG Dip in Anatomical Pathology may be an advantage, but is not required.

<p><b>2. HPCSA requirements for placement and during training :</b></p> <p>2.1. HPCSA training post available 2.2. Registration with HPCSA updated and relevant fees paid annually</p>
<p><b>3. Clinical training time required in order to complete the programme successfully:</b></p> <p>3.1. Minimum time span: N=48 Months 3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook 3.3. All Work-Place Based Assessment (WBA) requirements being met 3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension. 3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval. 3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project 3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval. 3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1. Period in which to complete the Primary examination: Within 18 months of first registration 4.2. Modules and/or scope of content: As specified per CMSA 4.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Final Assessment / Part 2 Examination:</b></p> <p>5.1. Period in which to complete Final Examination: 36-48 months of first registration 5.2. Modules and/or scope of content: As per CMSA exit exams 5.3. Pass mark must be obtained and all CMSA requirements must be met 5.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>6. Research requirements</b></p> <p>6.1. Period: N=48 Months 6.2. REME course completed and passed within 18 (or 24) months of first registration 6.3. Research protocol submitted to SREC within 24 months of first registration 6.4. Research protocol submitted to SMUREC within 30 months 6.5. Research completed and submitted for external review within 44 months of first registration 6.6. Research passed by two independent external examiners within 48 months of first registration</p>
<p><b>7. Exit of training post:</b></p> <p>7.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations. 7.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the mini-dissertation. Such additional registration will carry the indicated registration and course fees. 7.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees. 7.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2</p>

## SMM2.3 MMED (CARDIO-THORACIC SURGERY)

### **Programme Information:**

Head of department: Prof RF Chauke  
Coordinator: Dr Makenga Kampetu  
Departmental Secretary: Mr L Shabangu  
Departmental e-mail: [cardiothoracic.secretary@smu.ac.za](mailto:cardiothoracic.secretary@smu.ac.za)  
Programme Title: Masters of Medicine in Cardio-Thoracic Surgery  
Programme abbreviation: MMed (Cardio-Thoracic Surgery)  
Programme Code: MMEF01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
117108	Master of Medicine in Cardio-Thoracic Surgery	NQF Level 09	900

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

- Clinical experience must be obtained over a minimum period of five (5) years / 60 months.
- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAC190 Applied Anatomy for Surgical Disciplines
- MGPA190 General Physiology
- MCTA190 Cardio-Thoracic Surgical Pathology

#### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related surgical specialities.

- MSUA190 General Principles of Surgery with emphasis on Intensive Care
- The intermediate Assessment must be completed at least 2 years before sitting for the final Assessment, but this period may be extended by specific departmental/programme rules.

#### **Final Assessment**

The final Assessment may not be taken within four years of enrolment (taken after 48 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MCTB190 Thoracic Surgery (Major)

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars

- are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
  - The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
  - Students must pass the clinical component of the examination regardless of marks obtained for theory
  - A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
  - The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MCTA090 Research Cardio-Thoracic Surgery

### **Note:**

- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- 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
- The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Programme rules for admission and progression applies:**

<b>SMM2.3 MMED (CARDIO-THORACIC SURGERY)</b>	
<b>1. Entry requirements into the programme:</b>	<ol style="list-style-type: none"> <li>Completed and passed MBCHB or equivalent</li> <li>Completed Internship</li> <li>Completed Community Service</li> <li>Selected as per recruitment process, including interview</li> <li>Additional relevant experience or courses e.g. PG Dip in Surgery or Cardio-thoracic Surgery may be an advantage, but is not required.</li> </ol>
<b>2. HPCSA requirements for placement and during training :</b>	<ol style="list-style-type: none"> <li>HPCSA training post available</li> <li>Registration with HPCSA updated and relevant fees paid annually</li> </ol>
<b>3. Clinical training time required in order to complete the programme successfully:</b>	<ol style="list-style-type: none"> <li>Minimum time span: N=60 Months</li> <li>Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>All Work-Place Based Assessment (WBA) requirements being met</li> <li>Candidates who need additional training time can only do so in the case of a successful formal application for extension.               <ol style="list-style-type: none"> <li>The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>In the case of a candidate needing further extension a new application for extension should be</li> </ol> </li> </ol>

<p>submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1. Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2. Modules and/or scope of content: As specified per CMSA</p> <p>4.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Intermediate Assessment :</b></p> <p>5.1. Period in which to complete Intermediate Examination: 48 months of first registration</p> <p>5.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>6. Final Assessment / Part 2 Examination:</b></p> <p>6.1. Period in which to complete Final Examination: 56-60 months of first registration</p> <p>6.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>6.3. Pass mark must be obtained and all CMSA requirements must be met</p> <p>6.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>7. Research requirements</b></p> <p>7.1. Period: N=60 Months</p> <p>7.2. REME course completed and passed within 18 (or 24) months of first registration</p> <p>7.3. Research protocol submitted to SREC within 24 months of first registration</p> <p>7.4. Research protocol submitted to SMUREC within 30 months</p> <p>7.5. Research completed and submitted for external review within 56 months of first registration</p> <p>7.6. Research passed by two independent external examiners within 60 months of first registration</p>
<p><b>8. Exit of training post:</b></p> <p>8.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>8.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the mini-dissertation. Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 8.1.1 and 8.1.2</p>

## **SMM2.4 MMED (CHEMICAL PATHOLOGY)**

### **Programme Information:**

Head of department:	Prof D Tanyanyiwa
Coordinator:	Dr S Gwiliza
Departmental Secretary:	Ms M Maponya
Departmental e-mail:	<a href="mailto:matseleng.maponya@smu.ac.za">matseleng.maponya@smu.ac.za</a>
Programme Title:	Masters of Medicine in Chemical Pathology
Programme abbreviation:	MMed (Chemical Pathology)
Programme Code:	MMDJ01
HPCSA Accreditation:	Accredited as per HPCSA report of September 2022

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117109</a>	Master of Medicine in Chemical Pathology	NQF Level 09	720

## **CURRICULUM**

### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a four year/48 months community service period as a minimum.

Clinical research experience would be added advantage for selection.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital and/or NHLs
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

- MGPA190 General Physiology
  - MCPA190 Basic Chemical Pathology Note:
- a. University Primary examination includes Medical Physiology and Basic Chemical Pathology. The former is one written x 3 hours paper with a 50% subminimum for pass. Oral examination may be offered for those who are at the margin of failing or distinction. The latter is assessed by 6 x 2 monthly formative tests in the department and taken as cumulative year mark and in November final examination with 50% subminimum and oral exam in case the student has failed. Both are to be done within 12 months after enrolment.
- b. Primary examination hosted by the College of Pathology (CMSA) is not registered exam by the University but compulsory for all candidates from 2017 Jan. It includes 2 x written papers and 3 x practical papers (cases, calculations and OSPE). This is to be done within 20 months after enrolment. The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

#### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities.

To be completed after spending a further one-year of training.

- MCP1190 Intermediate Chemical Pathology
- MMMA190 Molecular Biology

Intermediate level examination includes Molecular Biology (one year course provided by department of Microbiology) written paper, oral and practical tests. This is to be done within 24 months of enrolment. Additionally, the intermediate level Chemical Pathology- 2 x 3 hours, written papers with 3 x practical papers (Cases, calculations, OSPEs and wet practicals). Oral examination is also included. This is to be done within 36 months.

#### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA. This examination will be written after completion of the minimum acceptable

training time of 3.5 years in Chemical Pathology

- MCPC190 Chemical Pathology Final examination (equivalent to FCPATH CMSA)

**Note:**

- Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- Students must pass the clinical component of the examination regardless of marks obtained for theory
- A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

**Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MCPA090 Research Chemical Pathology

**Note:**

- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- 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
- The dissertation must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Programme rules for admission and progression applies:**

<b>SMM2.4</b>	<b>MMED (CHEMICAL PATHOLOGY)</b>
<b>1. Entry requirements into the programme:</b>	
1.1 Completed and passed MBCHB or equivalent	
1.2 Completed Internship	
1.3 Completed Community Service	
1.4 Selected as per recruitment process, including interview	
1.5 Additional relevant experience or courses e.g. PG Dip in Chemical Pathology, Medical Microbiology or Anatomical Pathology may be an advantage, but is not required.	
<b>2. HPCSA requirements for placement and during training :</b>	
2.1 HPCSA training post available	
2.2 Registration with HPCSA updated and relevant fees paid annually	
<b>3. Clinical training time required in order to complete the programme successfully:</b>	
3.1 Minimum time span: N=48 Months	
3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook	
3.3 All Work-Place Based Assessment (WBA) requirements being met	
3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension.	
3.4.1. The HOD of the Academic Department should approve this application and the Clinical	

<p>3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</p> <p>3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>	<p>Manager in the Hospital and the relevant manage of NHLS should endorse the approval.</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2 Modules and/or scope of content: As specified per CMSA</p> <p>4.3 Passed mark obtained and all CMSA requirements being met</p>	
<p><b>5. Final Assessment / Part 2 Examination:</b></p> <p>5.1 Period in which to complete Final Examination: 48 months of first registration</p> <p>5.2 Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3 Pass mark must be obtained and all CMSA requirements must be met</p> <p>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>	
<p><b>6. Research requirements</b></p> <p>6.1 Period: N=48 Months</p> <p>6.2 REME course or equivalent completed and passed within 18 (or 24) months of first registration</p> <p>6.3 Research protocol submitted to SREC within 24 months of first registration</p> <p>6.4 Research protocol submitted to SMUREC within 30 months</p> <p>6.5 Research completed and submitted for external review within 44 months of first registration</p> <p>6.6 Research passed by two independent external examiners within 48 months of first registration</p>	
<p><b>7. Exit of training post:</b></p> <p>7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2</p>	

## SMM2.5 MMED (CLINICAL PATHOLOGY)

### **Programme Information:**

Head of department: as for Haematological Pathology, Chemical Pathology, Microbiology and Virology  
 Coordinator: Prof V Moodley  
 Departmental Secretary: Ms Hester Bruwer  
 Departmental e-mail: [hester.bruwer@smu.ac.za](mailto:hester.bruwer@smu.ac.za)  
 Programme Title: Masters of Medicine in Clinical Pathology  
 Programme abbreviation: MMed (Clinical Pathology)  
 Programme Code: MMDH01

HPCSA Accreditation: Accredited as per HPCSA report of September 2022 SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Credits
<a href="#">117110</a>	Master of Medicine in Clinical Pathology	NQF Level 09	900

## **CURRICULUM**

### **Standard Operating Procedures and guiding principles:**

#### **Clinical and Laboratory Experience and the Learning Environment**

- Clinical and laboratory experience must be obtained over a minimum period of five years / 60 months.
- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of the NHLS.
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables.
- Clinical experience may include outreach/national coverage activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms.
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and laboratory exposure towards them suitably quantified.
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme.

#### **Primary Assessment**

All primary assessments must be completed within thirty (30) months of registration.

Only one re-examination will be granted for the primary course provided that the total time period shall not exceed 36 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MCAA190 General Pathology

#### **Final Assessment**

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

The final Assessment may not be taken within four years of enrolment (taken after 48 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MCAB190 Chemical Pathology
- MCAC190 Haematological Pathology
- MCAD190 Medical Microbiology (includes Virology)

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, practical, oral and clinical and will include both the theoretical and practical components of the programme.
- d. Students must pass the practical component of the examination regardless of marks obtained for theory.
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree, a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50% (pre-requisite)
- MCAA090 Clinical Pathology (Mini-Dissertation)

### **Note:**

- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b. 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.
- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Programme rules for admission and progression applies:**

<b>SMM2.5 MMed (Clinical Pathology)</b>
<p>1. Entry requirements into the programme:</p> <ol style="list-style-type: none"><li>1.1 Completed and passed MBCHB or equivalent.</li><li>1.2 Completed Internship.</li><li>1.3 Completed Community Service.</li><li>1.4 Selected as per recruitment process, including interview.</li><li>1.5 Additional relevant experience or courses e.g. relevant PG Dip or time spent in a diagnostic laboratory may be an advantage, but is not required.</li></ol>
<p>2. Health Professions Council of South Africa (HPCSA) requirements for placement and during training:</p> <ol style="list-style-type: none"><li>2.1 HPCSA training post available.</li><li>2.2 Registration with HPCSA updated and relevant fees paid annually.</li></ol>
<p>3. Laboratory/Clinical training time required in order to complete the programme successfully:</p> <ol style="list-style-type: none"><li>3.1 Minimum time span: N=60 Months</li><li>3.2 Competencies as per approved Colleges of Medicine of South Africa (CMSA) log book (portfolio) submission.</li><li>3.3 All Work-Place Based Assessment (WBA) requirements being met.</li><li>3.4 Candidates who need additional clinical experience can only do so in the case of a successful formal application for extension.<ol style="list-style-type: none"><li>3.4.1 The Head of the Academic Department (HOD) should approve this application and the Pathology Representative, Business Manager, Area Manager, Academic Affairs, Research and Quality Assurance (AARQA) Executive and CEO of National Health Laboratory Service (NHLS) should endorse the approval.</li><li>3.4.2 The first application for extension to SMU can only be approved for ONE additional year (N+1).</li><li>3.4.3 In the case of a candidate needing further extension, a new application for extension should be submitted. The Head of the Academic Department should approve this (second) application and the Pathology Representative, Business Manager, AARQA Executive and CEO of the NHLS should endorse the approval.</li></ol>Extension for training time can only be granted by SMU for a maximum time of years (N+2).</li></ol>
<p>4. Primary MMed Assessment:</p> <ol style="list-style-type: none"><li>4.1 Period in which to complete the Primary examination: Within 24 - 30 months of first registration.</li><li>4.2 Modules and/or scope of content: As specified per MMed programme.</li><li>4.3 Pass mark obtained.</li></ol>

5.	Final Assessment / Part 2 Examination:
5.1	Period in which to complete Final Examination: within 48 months of first registration.
5.2	Modules and/or scope of content: As per CMSA exit exams.
5.3	Pass mark must be obtained and all CMSA requirements must be met.
5.4	The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination.
6.	Research requirements
6.1	Period: N = 60 Months
6.2	Research methodology (REME) course completed and passed within 24 months of first registration.
6.3	Research protocol submitted to School of Medicine Research Committee (SReC) within 24 months of first registration.
6.4	Research protocol submitted to SMUREC within 30 months.
6.5	Research completed and submitted for external review within 56 months of first registration.
6.6	Research passed by two independent external examiners within 60 months of first registration.
7.	Exit of training post:
7.1	Candidates who may not have completed their training within the minimum training time (i.e. 60 months) as per 3 to 5 above AND/OR research requirements as per 6 above may be eligible to have two (2) NHLS extensions to the maximum of 16 additional months. This is not automatic and approval will be dependent on the reasons for the delays and will follow a rigorous motivation process by the HOD which is to be approved by the Pathology Representative, Business Manager, Area Manager, AARQA Executive and finally by the Chief Executive Officer (CEO) of the NHLS.
7.1.1	Candidates who are still to complete the research component and have had their extension approved by the NHLS (as in 7.1.), will be able to remain in the training post and will be allowed to register with SMU for an additional maximum number of 2 years (i.e. N + 2). Such additional registration will carry the indicated registration and course fees.
7.1.2	Candidates who have been unsuccessful in extending their time with the NHLS and are still to complete the research component are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years (N + 2) in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
7.1.3	Candidates who are still to pass the college exams but who completed the clinical training time and were successful in having their extension approved by the NHLS (as in 7.1. above) may remain in the registrar training post and will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course
7.1.4	Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post if the extension is not approved by the NHLS (as in 7.1. above), but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
7.1.5	Candidates who are still to complete the research component and to pass college examinations and who have been granted an extension by the NHLS may remain in their training post and will be allowed to register as per 7.1.1 to 7.1.4.
7.1.6	Candidates who are still to complete the research component and to pass college examinations and who have not been granted an extension by the NHLS will need to exit the registrar training post but will be allowed to register as per 7.1.1 to 7.1.4.

## SMM2.6 MMED (CLINICAL PHARMACOLOGY)

### Programme Information:

Head of department:	Prof E Osuch
Coordinator:	Dr MM Makiwane
Departmental Secretary:	Vacant
Departmental e-mail:	<a href="mailto:elzbieta.osuch@smu.ac.za">elzbieta.osuch@smu.ac.za</a>
Programme Title:	Masters of Medicine in Clinical Pharmacology

Programme abbreviation: MMed (Clinical Pharmacology)  
 Programme Code: MPYA090  
 HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
 SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">111452</a>	Master of Medicine in Clinical Pharmacology	NQF Level 09	720

## Curriculum

### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years / 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MMCP090
- MPCP190

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended at least 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Registrars shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory
- e. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

#### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%

- MPCP190 Principles of Clinical Pharmacology
- MMCP090 Clinical Pharmacology Mini-Dissertation

Note:

- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- 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
- The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Programme rules for admission and progression applies:**

<b>SMM2.6 MMed (Clinical Pharmacology)</b>
<p>1. Entry requirements into the programme:</p> <ol style="list-style-type: none"> <li>MBCbB or equivalent</li> <li>Completed Internship</li> <li>Completed Community Service</li> <li>Additional relevant experience or courses e.g. PG Dip in Medicines Development; Diploma in HIV Management (CMSA); Good Clinical Practice (GCP); Teaching, research and publication experience may be an advantage, but is not required.</li> <li>Ability to work independently as well as collaborate (team player).</li> <li>Selected as per recruitment process, including interview.</li> </ol>
<p>2. HPCSA requirements for placement and during training :</p> <ol style="list-style-type: none"> <li>HPCSA training post available</li> <li>Registration with HPCSA updated and relevant fees paid annually</li> </ol>
<p>3. Clinical training time required in order to complete the programme successfully:</p> <ol style="list-style-type: none"> <li>Minimum time span: N=48 Months</li> <li>Competencies as per approved CMSA log book</li> <li>All Work-Place Based Assessment (WBA) requirements being met</li> <li>Candidates who need additional clinical experience can only do so in the case of a successful formal application for extension. <ol style="list-style-type: none"> <li>The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>The application for extension can only be approved for ONE additional year (N+1).</li> <li>Extension for clinical training time can only be granted for a <b>maximum</b> time of 1 year (N+1).</li> </ol> </li> </ol>
<p>4. Primary Assessment / Part 1 Examination:</p> <ol style="list-style-type: none"> <li>Period in which to complete the Primary examination: After completing 15 months of training in an HPCSA recognised training post.</li> <li>Modules and/or scope of content: As specified per CMSA</li> <li>Passed mark obtained and all CMSA requirements being met</li> </ol>
<p>5. Final Assessment / Part 2 Examination:</p> <ol style="list-style-type: none"> <li>Period in which to complete Final Examination: within 48 months of first registration</li> <li>Modules and/or scope of content: As per CMSA exit exams</li> <li>Pass mark must be obtained and all CMSA requirements must be met</li> <li>The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</li> </ol>
<p>6. Research requirements</p> <ol style="list-style-type: none"> <li>Period: N=48 Months</li> <li>REME course completed and passed within 18 months of first registration</li> <li>Research protocol submitted to SREC within 24 months of first registration</li> <li>Research protocol submitted to SMUREC within 30 months</li> <li>Research completed and submitted for external review within 44 months of first registration.</li> </ol>

5. Research passed by two independent external examiners within 48 months of first registration
7. Exit of training post:
7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.
7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

## SMM2.7 MMED (DERMATOLOGY)

### **Programme Information:**

Head of department: Prof MH Motswaledi  
 Coordinator: Prof MH Motswaledi  
 Departmental Secretary: Ms S Montwedi  
 Departmental e-mail: [Semakaleng.montwedi@smu.ac.za](mailto:Semakaleng.montwedi@smu.ac.za)  
 Programme Title: Masters of Medicine in Dermatology  
 Programme abbreviation: MMed (Dermatology)  
 Programme Code: MMDP01  
 HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
 SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
<a href="#">117111</a>	Master of Medicine in Dermatology	NQF Level 09	180

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years / 48 Months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall

not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MDMA190 Anatomy, Physiology and Physiology of the Skin

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MDMB190 Clinical Dermatology and Dermatopathology

#### Note:

- Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- Students must pass the clinical component of the examination regardless of marks obtained for theory
- A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
  - DIDE761 (MDMA090) Mini-dissertation of publishable manuscript / published article Note:
- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
  - 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
  - The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Programme rules for admission and progression applies:**

<b>SMM2.7</b>	<b>MMED (DERMATOLOGY)</b>
1.	Entry requirements into the programme: <ol style="list-style-type: none"><li>Completed and passed MBCHB or equivalent</li><li>Completed Internship</li><li>Completed Community Service</li><li>Selected as per recruitment process, including interview</li><li>Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li></ol>
2.	HPCSA requirements for placement and during training : <ol style="list-style-type: none"><li>HPCSA training post available</li><li>Registration with HPCSA updated and relevant fees paid annually</li></ol>

<p>3. Clinical training time required in order to complete the programme successfully:</p> <p>3.1 Minimum time span: N=48 Months</p> <p>3.2 Log box updated / competencies as per approved CMSA log book</p> <p>3.3 All Work-Place Based Assessment (WBA) requirements being met</p> <p>3.4 Candidates who need additional clinical experience can only do so in the case of a successful formal application for extension.</p> <p>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.2 The first application for extension can only be approved for ONE additional year (N+1).</p> <p>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p>4. Primary Assessment / Part 1 Examination:</p> <p>4.1 Period in which to complete the Primary examination: Within 18-24 months of first registration</p> <p>4.2 Modules and/or scope of content: As specified per CMSA</p> <p>4.3 Passed mark obtained and all CMSA requirements being met</p>
<p>5. Final Assessment / Part 2 Examination:</p> <p>5.1 Period in which to complete Final Examination: within 48 months of first registration</p> <p>5.2 Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3 Pass mark must be obtained and all CMSA requirements must be met</p> <p>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p>6. Research requirements</p> <p>6.1 Period: N=48 Months</p> <p>6.2 REME course completed and passed within 18 (or 24) months of first registration</p> <p>6.3 Research protocol submitted to SREC within 18 (or 24) months of first registration</p> <p>6.4 Research protocol submitted to SMUREC with 30 months of first registration months of first registration</p> <p>6.5 Research completed and submitted for external review within 44 months of first registration</p> <p>6.6 Research passed by two independent external examiners within 48 months of first registration</p>
<p>7. Exit of training post:</p> <p>7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2</p>

## SMM2.8 MMED (DIAGNOSTIC RADIOLOGY)

### Programme Information:

Head of department: Prof ME Kisansa  
Coordinator: Prof ME Kisansa & Dr Alireza Dehghan-Dehnavi  
Departmental Secretary: Ms M Modise  
Departmental e-mail: [Matsatsi.modise@mu.ac.za](mailto:Matsatsi.modise@mu.ac.za)  
Programme Title: Masters of Medicine in Diagnostic Radiology  
Programme abbreviation: Mmed (Diagnostic Radiology)  
Programme Code: MMDL01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117112</a>	Master of Medicine in Diagnostic Radiology	NQF Level 09	790

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MDRA190 Applied Radiological Anatomy and Technique
- MDRB190 Applied Medical Physics ...

#### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MDRC190 Radio Diagnostics and Imaging (Major) Note:
- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
  - b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an

- accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
  - d. Students must pass the clinical component of the examination regardless of marks obtained for theory
  - e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed assessment subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
  - f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MDRA090 Dissertation (Radio Diagnostics)

### **Note:**

- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work
- b. 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
- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **.Programme rules for admission and progression applies:**

<b>SMM2.8</b>	<b>MMED (DIAGNOSTIC RADIOLOGY)</b>
<b>1. Entry requirements into the programme:</b>	
<ol style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip in Radiology or Internal Medicine, knowledge of ultrasound imaging and relevant radiological experience may be an advantage.</li> </ol>	
<b>2. HPCSA requirements for placement and during training :</b>	
<ol style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ol>	
<b>3. Clinical training time required in order to complete the programme successfully:</b>	
<ol style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension.               <ol style="list-style-type: none"> <li>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</li> </ol> </li> </ol>	

<p><b>4. Primary Assessment:</b></p> <p>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2 Modules and/or scope of content: As specified per CMSA</p> <p>4.3 Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Final Assessment / Part 2 Examination:</b></p> <p>5.1 Period in which to complete Final Examination: 36-48 months of first registration</p> <p>5.2 Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3 Pass mark must be obtained and all CMSA requirements must be met</p> <p>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>6. Research requirements</b></p> <p>6.1 Period: N=48 Months</p> <p>6.2 REME course completed and passed within 18 months of first registration</p> <p>6.3 Research protocol submitted to SREC within 24 months of first registration</p> <p>6.4 Research protocol submitted to SMUREC within 30 months</p> <p>6.5 Research completed and submitted for external review within 44 months of first registration</p> <p>6.6 Research passed by two independent external examiners within 48 months of first registration</p>
<p><b>7. Exit of training post:</b></p> <p>7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2</p>

**SMM2.10 MMED (FAMILY MEDICINE)**

**Programme Information:**

Head of department: Prof Indiran Govender  
 Coordinator: Dr KE Hlabyago  
 Departmental Secretary: Ms T Ramogale  
 Departmental e-mail: [tumelo.ramogale@smu.ac.za](mailto:tumelo.ramogale@smu.ac.za)  
 Programme Title: Masters of Medicine in Family Medicine  
 Programme abbreviation: MMed (Family Medicine)  
 Programme Code: MMF01  
 HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
 SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">113361</a>	Master of Medicine in Family Medicine	NQF Level 09	

## **CURRICULUM**

### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years (48 months).

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period and recorded in the learning portfolio.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, skills training, seminars, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MFMA190 Family Medicine including Primary Health Care

#### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MFMB190 Family Medicine (Final)

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/portfolio of learning must be completed according to the College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. A certificate with a pass mark in Emergency Care such as ATLS or ACLS ACLS must be submitted for access to the final examination
- c. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- d. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- e. Students must pass the clinical component of the examination regardless of marks obtained for theory
- f. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- g. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

#### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%

- MFMA090 Dissertation (Family Medicine) mini-dissertation / publishable manuscript / published article

**Note:**

- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- 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
- The mini-dissertation / publishable manuscript / published article must be passed by two external examiners before the candidate can register as Specialist with the HPCSA or qualify with a MMed degree.
- The mini dissertation submitted for final assessment shall be submitted to the Colleges of Medicine of South Africa for the award of the FCFP(SA) Final Part B.

**Programme rules for admission and progression applies:**

<b>SMM2.10 MMed (Family Medicine)</b>
<p>1. Entry requirements into the programme:</p> <ol style="list-style-type: none"> <li>Completed and passed MBCHB or equivalent</li> <li>Completed Internship</li> <li>Completed Community Service</li> <li>Selected as per recruitment process, including interview</li> <li>Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li> </ol>
<p>2. HPCSA requirements for placement and during training :</p> <ol style="list-style-type: none"> <li>HPCSA training post available</li> <li>Registration with HPCSA updated and relevant fees paid annually</li> </ol>
<p>3. Clinical training time required in order to complete the programme successfully:</p> <ol style="list-style-type: none"> <li>Minimum time span: N=48 Months</li> <li>Logbook updated / competencies as per approved College of Family Medicine Learning Portfolio</li> <li>All Work-Place Based Assessment (WBA) requirements being met</li> <li>Candidates who need additional clinical experience can only do so in the case of a successful formal application for extension. <ol style="list-style-type: none"> <li>The HOD of the Academic Department should approve this application and the Clinical Manager in the District Health Department should endorse the approval.</li> <li>The first application for extension can only be approved for ONE additional year (N+1).</li> <li>In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the District Health Department should endorse the approval.</li> <li>Extension for clinical training time can only be granted for a maximum time of 6 years (N+2)</li> </ol> </li> </ol>
<p>4. Primary Assessment / Part 1 Examination:</p> <ol style="list-style-type: none"> <li>Period in which to complete the Primary examination: Within 12-18 months of first registration</li> <li>Modules and/or scope of content: As specified per CMSA</li> </ol>
<p>5. Final Assessment / Part 2 Examination:</p> <ol style="list-style-type: none"> <li>Period in which to complete Final Examination: within 48 months of first registration</li> <li>Modules and/or scope of content: As per CMSA exit exams</li> <li>A certificate with a pass mark in Emergency Care such as ATLS or ACLS must be submitted for access to the final examination</li> </ol>

5.4	Pass mark must be obtained and all CMSA requirements must be met
5.5	The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination
<b>6. Research requirements</b>	
6.1	Period: N=48 Months
6.2	REME course completed and passed within 18 months of first registration
6.3	Research protocol submitted to SREC within 24 months of first registration
6.4	Research protocol submitted to SMUREC within 30 months
6.5	Research completed and submitted for external review or research article submitted to a peer reviewed journal within 44 months of first registration
6.6	Research passed by two independent external examiners within 48 months of first registration OR Research article accepted for publication in a peer reviewed Family Medicine journal where the student is the first author.
<b>7. Exit of training post:</b>	
7.1	Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.
7.1.1	Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
7.1.2	Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
7.1.3	Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

<b>SMM2.11</b>	<b>MMED (FORENSIC PATHOLOGY)</b>
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**Programme Information:**

Head of department: Dr K Hlaise  
 Coordinator: Dr K Hlaise  
 Departmental Secretary: Ms M Wilken  
 Departmental e-mail: [Mercia.wilken@smu.ac.za](mailto:Mercia.wilken@smu.ac.za)  
 Programme Title: Masters of Medicine in Forensic Pathology  
 Programme abbreviation: MMed (Forensic Pathology)  
 Programme Code: MMDI01  
 HPCSA Accreditation: Accredited as per HPCSA report of September 2022 SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117114</a>	Master of Medicine in Forensic Pathology	NQF Level 09	720

**CURRICULUM**

**Standard Operating Procedures and guiding principles:**

**Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years / 48 months with a minimum of twelve months of Anatomical Pathology experience and a minimum of three years of Forensic Pathology experience

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital

- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

### **Primary Assessment**

Candidates will sit for Primary examination (or CMSA Part I) after completing a minimum of 12 months of clinical experience in Forensic Pathology and a minimum of twelve months of clinical experience in Anatomical Pathology.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MFPB190 Forensic Anatomical Pathology

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MFPA190 Forensic Pathology

#### **Note:**

- Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- Students must pass the clinical component of the examination regardless of marks obtained for theory
- A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MFPA090 Dissertation (Forensic Pathology)

#### **Note:**

- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- 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

- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Programme rules for admission and progression applies:**

<b>SMM2.11 MMed (FORENSIC PATHOLOGY)</b>	
<b>1. Entry requirements into the programme:</b>	<ul style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip Anatomical Pathology or in Forensic Pathology may be an advantage, but is not required.</li> </ul>
<b>2. HPCSA requirements for placement and during training :</b>	<ul style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ul>
<b>3. Clinical training time required in order to complete the programme successfully:</b>	<ul style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension. <ul style="list-style-type: none"> <li>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</li> </ul> </li> </ul>
<b>4. Primary Assessment:</b>	<ul style="list-style-type: none"> <li>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</li> <li>4.2 Modules and/or scope of content: As specified per CMSA</li> <li>4.3 Passed mark obtained and all CMSA requirements being met</li> </ul>
<b>5. Final Assessment / Part 2 Examination:</b>	<ul style="list-style-type: none"> <li>5.1 Period in which to complete Final Examination: 36-48 months of first registration</li> <li>5.2 Modules and/or scope of content: As per CMSA exit exams</li> <li>5.3 Pass mark must be obtained and all CMSA requirements must be met</li> <li>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</li> </ul>
<b>6. Research requirements</b>	<ul style="list-style-type: none"> <li>6.1 Period: N=48 Months</li> <li>6.2 REME course completed and passed within 18 (or 24) months of first registration</li> <li>6.3 Research protocol submitted to SREC within 24 months of first registration</li> <li>6.4 Research protocol submitted to SMUREC within 30 months</li> <li>6.5 Research completed and submitted for external review within 44 months of first registration</li> <li>6.6 Research passed by two independent external examiners within 48 months of first registration</li> </ul>

## 7. Exit of training post:

- 7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.
- 7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
- 7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
- 7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

## SMM2.12 MMED (HAEMATOLOGICAL PATHOLOGY)

### Programme Information:

Head of department: Prof V Moodley  
Coordinator: Prof V Moodley  
Departmental Secretary: Mrs Hester Bruwer  
Departmental e-mail: hester.bruwer@smu.ac.za  
Programme Title: Master of Medicine in Haematological Pathology  
Programme abbreviation: MMed (Haematological Pathology)  
Programme Code: MMDGO1  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117115</a>	Master of Medicine in Haematological Pathology	NQF Level 09	720

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical and Laboratory Experience and the Learning Environment**

Clinical and laboratory experience must be obtained over a minimum period of four years / 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of an additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of the NHLS.
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables.
- Clinical experience may include outreach/national coverage activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms.
- Entrustable Professional Activities (EPAs) and Workplace-Based Assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, with laboratory and clinical exposure towards them suitably quantified.
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme.

#### **Primary Assessment**

All primary assessments must be completed within eighteen-twenty four (18-24) months of registration. Only one re-examination will be granted for each primary course provided that the total time period

shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHPA190 Physiology for Haematological Pathology
  - MMMA190 Molecular Biology
- a. The primary examination hosted by the College of Medicine of South Africa (CMSA), FC Path (SA) Haem Part I, is not a registered examination of the University but compulsory for all candidates and should be written and passed within 18-24 months of enrolment.
  - b. A student who has successfully passed the FC Path (SA) Haem Part I may be exempted from the Physiology for Haematological Pathology assessment but not the Molecular Biology assessment.
  - c. An approved Research Methodology course should be completed within 24 months of enrolment in an HPCSA recognised registrar post.

### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities. Intermediate examination to be completed within 36-40 months of enrolment in an HPCSA approved registrar post.

- MHPB190 Haematological Pathology

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 42 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MHPC190 Haematological Pathology (Major)

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, practical, oral and clinical and will include both the theoretical and practical components of the programme.
- d. Students must pass the practical and clinical component of the examination regardless of marks obtained for theory.
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University.
- f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required.

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50% subminimum
- MHPA090 Haematological Pathology (Dissertation) mini-dissertation / publishable manuscript / published article

#### **Note:**

- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b. 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
- c. The research must be passed by two external examiners before the candidate can register

with the HPCSA or qualify with a MMed degree.

**Programme rules for admission and progression applies:**

<b>SMM2.12 MMed (Haematological Pathology)</b>
<p>1. Entry requirements into the programme:</p> <ol style="list-style-type: none"><li>1.1 Completed and passed MBCHB or equivalent.</li><li>1.2 Completed Internship.</li><li>1.3 Completed Community Service.</li><li>1.4 Selected as per recruitment process, including interview.</li><li>1.5 Additional relevant experience or courses e.g. time spent in a diagnostic laboratory or in a clinical haematology unit may be an advantage, but is not required.</li></ol>
<p>2. Health Professions Council of South Africa (HPCSA) requirements for placement and during training:</p> <ol style="list-style-type: none"><li>2.1 HPCSA training post available.</li><li>2.2 Registration with HPCSA updated and relevant fees paid annually.</li></ol>
<p>3. Laboratory/Clinical training time required in order to complete the programme successfully:</p> <ol style="list-style-type: none"><li>3.1 Minimum time span: N=48 Months</li><li>3.2 Competencies as per approved Colleges of Medicine of South Africa (CMSA) log book (portfolio) submission.</li><li>3.3 All Work-Place Based Assessment (WBA) requirements being met.</li><li>3.4 Candidates who need additional clinical experience can only do so in the case of a successful formal application for extension.<ol style="list-style-type: none"><li>3.4.1. The Head of the Academic Department (HOD) should approve this application and the Pathology Representative, Business Manager, Academic Affairs, Research and Quality Assurance (AARQA) Executive and CEO of the National Health Laboratory Service (NHLS) should endorse the approval.</li><li>3.4.2. The first application for extension can only be approved for ONE additional year (N+1).</li><li>3.4.3. In the case of a candidate needing further extension, a new application for extension should be submitted. The Head of the Academic Department should approve this (second) application and the Pathology Representative, Business Manager, Area Manager AARQA Executive and CEO of the NHLS should endorse the approval.</li><li>3.4.4. Extension for training time can only be granted for a maximum time of years (N+2).</li></ol></li></ol>
<p>4. Primary Assessment / Part 1 Examination:</p> <ol style="list-style-type: none"><li>4.1 Period in which to complete the Primary examination: Within 18 - 24 months of first registration.</li><li>4.2 Modules and/or scope of content: As specified in MMed programme and CMSA regulations.</li><li>4.3 Pass mark obtained and all MMed and CMSA requirements being met.</li></ol>
<p>5. Intermediate MMed Assessment:</p> <ol style="list-style-type: none"><li>5.1 Period in which to complete the Intermediate examination: Within 36 - 40 months.</li><li>5.2 Modules and/or scope of content: As specified by the Department.</li><li>5.3 Pass mark obtained and all requirements being met.</li></ol>
<p>6. Final Assessment / Part 2 Examination:</p> <ol style="list-style-type: none"><li>6.1 Period in which to complete Final Examination: within 48 months of first registration.</li><li>6.2 Modules and/or scope of content: As per CMSA exit exams.</li><li>6.3 Pass mark must be obtained and all CMSA requirements must be met.</li><li>6.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</li></ol>
<p>7. Research requirements</p> <ol style="list-style-type: none"><li>7.1 Period: N = 48 Months</li><li>7.2 Research methodology (REME) course completed and passed within 24 months of first registration.</li><li>7.3 Research protocol submitted to School of Medicine Research Committee (SReC) within 24</li></ol>

<p>months.</p> <p>7.4 Research protocol submitted to SMUREC within 30 months.</p> <p>7.5 Research completed and submitted for external review within 44 months of first registration.</p> <p>7.6 Research passed by two independent external examiners within 48 months of first registration.</p>
<p>8. Exit of training post:</p> <p>8.1 Candidates who may not have completed their training within the minimum training time (i.e. 48 months) as per 3 to 6 above AND/OR research requirements as per 7 above may be eligible to have two (2) NHLS extensions to the maximum of 16 additional months. This is not automatic and approval will be dependent on the reasons for the delays and will follow a rigorous motivation process by the HOD which is to be approved by the Pathology Representative, Business Manager, Area Manager, AARQA Executive and finally by the Chief Executive Officer (CEO) of the NHLS.</p> <p>8.1.1 Candidates who are still to complete the research component and have had their extension approved by the NHLS (as in 8.1.), will be able to remain in the training post and will be allowed to register with SMU for an additional maximum number of 2 years (i.e. N + 2). Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.2 Candidates who have been unsuccessful in extending their time with the NHLS and are still to complete the research component are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years (N + 2) in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.3 Candidates who are still to pass the college exams and have had their extension approved by the NHLS (as in 8.1.), will be able to remain in the training post and will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.4 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post if the extension is not approved by the NHLS (as in 8.1. above), but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.5 Candidates who are still to complete the research component and to pass college examinations and who have been granted an extension by the NHLS, will be able to remain in the registrar training post and will be allowed to register as per 8.1.1 to 8.1.4.</p> <p>8.1.6 Candidates who are still to complete the research and to pass college examinations</p> <p>4. and who have not been granted an extension by the NHLS will need to exit the registrar training post but will be allowed to register as per 8.1.1 to 8.1.4.</p>

### **SMM2.13 MMED (INTERNAL MEDICINE)**

#### **Programme Information:**

Head of department:	Prof Madala
Coordinator:	Prof J Mpe
Departmental Secretary:	Ms Chritina Mokoene & Ms O Malatsi
Departmental e-mail address:	<a href="mailto:christina.mokoena@smu.ac.za">christina.mokoena@smu.ac.za</a> / <a href="mailto:olga.malatsi@smu.ac.za">olga.malatsi@smu.ac.za</a>
Programme Title:	Masters of Medicine in Internal Medicine
Programme abbreviation:	MMed (Internal Medicine)
Programme Code:	MMDQ01
HPCSA Accreditation:	Accredited as per HPCSA report of September 2022

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117116</a>	Master of Medicine in Internal Medicine	NQF Level 09	

## **CURRICULUM**

### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years / 48 months

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MIMA190 Medical Physics and Statistics
- MGPA190 General Physiology
- MIMB190 Applied Anatomy for Internal Medicine
- MIMC190 Applied Clinical Basic Sciences, including Anatomical Pathology, Chemical Pathology, Pharmacology, Haematology, Ontological Pathology, Basic Radiology and Microbiology

#### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MIMD190 Internal Medicine (Major)
- Pathology and Pathophysiological Principles (Ancillary)
- Applied and Clinical Pharmacology (Ancillary)

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA)

- may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

**Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MIMA090 Mini-dissertation (Dissertation Internal Medicine)

**Note:**

- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research.
- b. 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
- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Programme rules for admission and progression applies:**

<b>SMM2.13</b>	<b>MMED (INTERNAL MEDICINE)</b>
<b>1. Entry requirements into the programme:</b>	<ol style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip Anatomical Pathology, Internal Medicine or in Clinical Pathology may be an advantage, but is not required.</li> </ol>
<b>2. HPCSA requirements for placement and during training :</b>	<ol style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ol>
<b>3. Clinical training time required in order to complete the programme successfully:</b>	<ol style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension.               <ol style="list-style-type: none"> <li>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</li> </ol> </li> </ol>
<b>4. Primary Assessment:</b>	<ol style="list-style-type: none"> <li>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</li> <li>4.2 Modules and/or scope of content: As specified per CMSA</li> <li>4.3 Passed mark obtained and all CMSA requirements being met</li> </ol>

## 5. Final Assessment / Part 2 Examination:

- 5.1 Period in which to complete Final Examination: 36-48 months of first registration
- 5.2 Modules and/or scope of content: As per CMSA exit exams
- 5.3 Pass mark must be obtained and all CMSA requirements must be met
- 5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination

## 6. Research requirements

- 6.1 Period: N=48 Months
- 6.2 REME course completed and passed within 18 months of first registration
- 6.3 Research protocol submitted to SREC within 24 months of first registration
- 6.4 Research protocol submitted to SMUREC within 24-30 months
- 6.5 Research completed and submitted for external review within 44 months of first registration
- 6.6 Research passed by two independent external examiners within 48 months of first registration

## 7. Exit of training post:

- 7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.
  - 7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
  - 7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
  - 7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

## SMM2.14 MMED (MICROBIOLOGICAL PATHOLOGY)

### Programme Information:

Head of department: Prof Nchabeleng  
Coordinator: Dr M Moncho  
Departmental Secretary: Ms MM Mudau  
Departmental e-mail: [maria.mudau@smu.ac.za](mailto:maria.mudau@smu.ac.za)  
Programme Title: Masters of Medicine in Microbiological Pathology  
Programme abbreviation: MMed (Microbiological Pathology)  
Programme Code: MMDK01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117117</a>	Master of Medicine in Microbiological Pathology	NQF Level 09	852

## CURRICULUM

### Standard Operating Procedures and guiding principles:

#### Clinical Experience and the Learning Environment

Training experience must be obtained over a minimum period of four years / 48 months..

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to

contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables

- Practical training may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Candidates will be expected to rotate through departments, institutions and/or divisions e.g. Clinical Virology, Immunology, NICD etc.
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the practical training period.
- Learning and preparation for WBAs should be appropriately supervised, and laboratory exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

### **Primary Assessment**

All primary assessments must be completed within eighteen-twenty four (18-24) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MMIC190            Medical Microbiology
- MMIA190          Advanced Microbiology
- MMMA190        Molecular Biology

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MMIB190 Microbiological Pathology Major Note:
- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Academic topic presentations, Journal Club, Research meetings, Seminars etc.
  - b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
  - c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
  - d. Students must pass the practical component of the examination regardless of marks obtained for theory. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University.
  - e. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801            Research methodology course – passed with 50%
  - MMIA090          Dissertation (Microbiological Pathology) Note:
- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
  - b. 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

- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Programme rules for admission and progression applies:**

<b>SMM2.14 MMed (Microbiological Pathology)</b>	
1.	Entry requirements into the programme: <ol style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li> </ol>
2.	HPCSA requirements for placement and during training: <ol style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ol>
3.	Laboratory training time required in order to complete the programme successfully: <ol style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Competencies as per approved CMSA log book – Portfolio submission</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met- Recently introduced</li> <li>3.4 Candidates who need additional clinical experience can only do so in the case of a successful formal application for extension.               <ol style="list-style-type: none"> <li>3.4.1 The HOD of the Academic Department should approve this application and the NHLS AARQ executive should endorse the approval.</li> <li>3.4.2 The first application for extension can only be approved for ONE additional year (N+1).</li> <li>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the NHLS AARQ executive should endorse the approval.</li> <li>3.4.4 Extension for training time can only be granted for a maximum time of years (N+2)</li> </ol> </li> </ol>
4.	Primary Assessment / Part 1 Examination: <ol style="list-style-type: none"> <li>4.1 Period in which to complete the Primary examination: Within 18-24 months of first registration</li> <li>4.2 Modules and/or scope of content: As specified per CMSA</li> <li>4.3 Pass mark obtained and all CMSA requirements being met</li> </ol>
Intermediate Assessment: Not applicable	
5.	Final Assessment / Part 2 Examination: <ol style="list-style-type: none"> <li>5.1 Period in which to complete Final Examination: within 48 months of first registration</li> <li>5.2 Modules and/or scope of content: As per CMSA exit exams</li> <li>5.3 Pass mark must be obtained and all CMSA requirements must be met</li> <li>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</li> </ol>
6.	Research requirements <ol style="list-style-type: none"> <li>6.1 Period: N = 48 Months</li> <li>6.2 REME course completed and passed within 18-24 months of first registration</li> <li>6.3 Research protocol submitted to SREC within 24 months of first registration</li> <li>6.4 Research protocol submitted to SMUREC within 30 months</li> <li>6.5 Research completed and submitted for external review within 44 months of first registration</li> <li>6.6 Research passed by two independent external examiners within 48 months of first registration</li> </ol>

## 7. Exit of training post:

- 7.1 Candidates who may not have completed their training as per 3&5 OR Research as per 6 above may be eligible to have 2 NHLS extensions to the maximum of 24 additional months. This is not automatic – it will be dependent on the reasons for the delays and will follow a rigorous motivation process by the HOD which is to be approved by the Pathology representative, business manager, AARQ executive and finally by the CEO of NHLS. exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post to finalise Research or to enrol for supplementary/additional CMSA examinations.
- 7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
- 7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
- 7.1.3 Candidates who are still to complete the research and to pass college examination
- 7.1.4 Candidates who are on the extension period from NHLS but will be allowed to register for an additional maximum number of 2 years (N+2) to complete the CMSA examinations and/ Research. Such additional registration will carry the indicated registration and course fees.

## SMM2.15 MMED (NEUROLOGY)

### Programme Information:

Head of department: Prof D Magazi  
Coordinator: Prof D Magazi  
Departmental Secretary: Ms D Nkoana  
Departmental e-mail: [dinah.nkoana@smu.ac.za](mailto:dinah.nkoana@smu.ac.za)  
Programme Title: Masters of Medicine in Neurology  
Programme abbreviation: MMed (Neurology)  
Programme Code: MMG01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
<a href="#">117118</a>	Master of Medicine in Neurology	NQF Level 09	180

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four (4) years / 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified

- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

#### **Note:**

- Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- Students must pass the clinical component of the examination regardless of marks obtained for theory
- A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research Mini-dissertation:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
  - MNUB090 Mini-dissertation (Dissertation Neurology) **Note:**
- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
  - 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
  - The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Programme rules for admission and progression applies:**

<b>SMM2.15</b>	<b>MMED (NEUROLOGY)</b>
<b>1. Entry requirements into the programme:</b>	
1.1	Completed and passed MBCHB or equivalent
1.2	Completed Internship
1.3	Completed Community Service
1.4	Selected as per recruitment process, including interview
1.5	Additional relevant experience or courses e.g. PG Dip Internal Medicine or in Neurology may be an advantage, but is not required.

<p><b>2. HPCSA requirements for placement and during training:</b></p> <p>2.1 HPCSA training post available 2.2 Registration with HPCSA updated and relevant fees paid annually</p>
<p><b>3. Clinical training time required in order to complete the programme successfully:</b></p> <p>3.1 Minimum time span: N=48 Months 3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook 3.3 All Work-Place Based Assessment (WBA) requirements being met 3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension. 3.4.1 The HoD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval. 3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project 3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval. 3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1 Period in which to complete the Primary examination: Within 18 months of first registration 4.2 Modules and/or scope of content: As specified per CMSA 4.3 Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Final Assessment / Part 2 Examination:</b></p> <p>5.1 Period in which to complete Final Examination: 36-48 months of first registration 5.2 Modules and/or scope of content: As per CMSA exit exams 5.3 Pass mark must be obtained and all CMSA requirements must be 5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>6. Research requirements</b></p> <p>6.1 Period: N=48 Months 6.2 REME course completed and passed within 18 (or 24) months of first registration 6.3 Research protocol submitted to SREC within 24 months of first registration 6.4 Research protocol submitted to SMUREC within 30 months 6.5 Research completed and submitted for external review within 44 months of first registration 6.6 Research passed by two independent external examiners within 48 months of first registration</p>
<p><b>7. Exit of training post:</b></p> <p>7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations. 7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees. 7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees. 7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2</p>

## SMM2.16 MMED (NEURO SURGERY)

### Programme Information:

Head of department: Prof P Lekgwara  
Coordinator: Dr Brian Pandaram  
Departmental Secretary: Ms TF Matlou  
Departmental e-mail: [tshepiso.matlou@smu.ac.za](mailto:tshepiso.matlou@smu.ac.za) / [tshepiso3@gmail.com](mailto:tshepiso3@gmail.com)  
Programme Title: Masters of Medicine in Neurosurgery  
Programme abbreviation: MMed (Neurosurgery)  
Programme Code: MMEA01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117119</a>	Master of Medicine in Neurosurgery	NQF Level 09	900

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of five (5) years 60 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- APAM701 Applied Anatomy
- APPM701 General Physiology

#### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities.

- GPSM724 General Principles of Surgery with emphasis on Intensive Care

#### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- NESU761 Neurological Surgery (Major)

Note:

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, subject to approval by the Postgraduate Committee (PGC) of the University and provided that the University is represented at such an examination.
- f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

**Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
  - DINS761 Neuro Surgery (Mini-dissertation/Thesis) Note:
- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work or evidence of having published one (1) original article in an accredited journal.
  - b. 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
  - c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Rules for selection and progression:**

<b>SMM2.16 MMED (NEURO SURGERY)</b>
<b>1. Entry requirements into the programme:</b>  1.1. Completed and passed MBCHB or equivalent 1.2. Completed Internship 1.3. Completed Community Service 1.4. Selected as per recruitment process, including interview 1.5. Additional relevant experience or courses e.g. ATLS, ACLS, APLS
<b>2. HPCSA requirements for placement and during training :</b>  2.1. HPCSA training post available 2.2. Registration with HPCSA updated and relevant fees paid annually
<b>3. Clinical training time required in order to complete the programme successfully:</b>  3.1. Minimum time span: N=60 Months 3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook 3.3. All Work-Place Based Assessment (WBA) requirements being met 3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension. 3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval. 3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject

<p>having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</p> <p>3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1. Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2. Modules and/or scope of content: As specified per CMSA</p> <p>4. Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Intermediate Assessment:</b></p> <p>5.1. Period in which to complete Intermediate Examination: 48 months of first registration</p> <p>5.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>6. Final Assessment / Part 2 Examination:</b></p> <p>6.1. Period in which to complete Final Examination: 48-60 months of first registration</p> <p>6.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>6.3. Pass mark must be obtained and all CMSA requirements must be met</p> <p>6.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>7. Research requirements</b></p> <p>7.1. Period: N=60 Months</p> <p>7.2. REME course completed and passed within 18 (or 24) months of first registration</p> <p>7.3. Research protocol submitted to SREC within 24 months of first registration</p> <p>7.4. Research protocol submitted to SMUREC within 30 months</p> <p>7.5. Research completed and submitted for external review within 56 months of first registration</p> <p>7.6. Research passed by two independent external examiners within 60 months of first registration</p>
<p><b>8. Exit of training post:</b></p> <p>8.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>8.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete Research. Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 8.1.1 and 8.1.2</p>

## **SMM2.17 MMED (NUCLEAR MEDICINE)**

### **Programme Information:**

Head of department: Dr N Nyakale  
Coordinator: Dr N Nyakale  
Departmental Secretary: Ms M Viljoen  
Departmental e-mail: [marilize.viljoen@smu.ac.za](mailto:marilize.viljoen@smu.ac.za)  
Programme Title: Masters of Medicine in Nuclear Medicine  
Programme abbreviation: MMed (Nuclear Medicine)  
Programme Code: MMDM01

HPCSA Accreditation: Accredited as per HPCSA report of September 2022

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117120</a>	Master of Medicine in Nuclear Medicine	NQF Level 09	720

### Rules for selection and progression:

#### **SMM2.17 MMed (NUCLEAR MEDICINE)**

<p>1. Entry requirements into the programme:</p> <ul style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li> </ul>
<p>2. HPCSA requirements for placement and during training :</p> <ul style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ul>
<p>3. Clinical training time required in order to complete the programme successfully:</p> <ul style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension. <ul style="list-style-type: none"> <li>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</li> </ul> </li> </ul>
<p>4. Primary Assessment:</p> <ul style="list-style-type: none"> <li>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</li> <li>4.2 Modules and/or scope of content: As specified per CMSA</li> <li>4.3 Passed mark obtained and all CMSA requirements being met</li> </ul>
<p>5. Final Assessment / Part 2 Examination:</p> <ul style="list-style-type: none"> <li>5.1 Period in which to complete Final Examination: within 48 months of first registration</li> <li>5.2 Modules and/or scope of content: As per CMSA exit exams</li> <li>5.3 Pass mark must be obtained and all CMSA requirements must be met</li> <li>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</li> </ul>
<p>6. Research requirements</p> <ul style="list-style-type: none"> <li>6.1 Period: N=48 Months</li> <li>6.2 REME course completed and passed within 18 (or 24) months of first registration</li> <li>6.3 Research protocol submitted to SREC within 24 months of first registration</li> <li>6.4 Research protocol submitted to SMUREC within 30 months</li> <li>6.5 Research completed and submitted for external review within 44 months of first registration</li> <li>6.6 Research passed by two independent external examiners within 48 months of first registration</li> </ul>

## 7. Exit of training post:

- 7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.
- 7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
- 7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
- 7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

## SMM2.18 MMED (OBSTETRICS and GYNAECOLOGY)

### **Programme Information:**

Head of department: Dr TJ Mashamba  
Coordinator: Dr Muse  
Departmental Secretary: Ms M Serake  
Departmental e-mail: [matseleng.serake@smu.ac.za](mailto:matseleng.serake@smu.ac.za) / [pietro.vanrooyen@smu.ac.za](mailto:pietro.vanrooyen@smu.ac.za)  
Programme Title: Masters of Medicine in Obstetrics and Gynaecology  
Programme abbreviation: MMed (Obstetrics and Gynaecology)  
Programme Code: MMDC01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117121</a>	Master of Medicine in Obstetrics and Gynaecology	NQF Level 09	720

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of five (5) years / 60 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- Rotation in all sub-specialities including ICU and Outreach x 3 months.
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months. The syllabus follows that of the College of Medicine of South Africa (O&G) and is available from the CMSA website.

Please note Part 1 is divided into 1A and 1B. Part 1A syllabus include

- Anatomy of adult female
- Embryology
- Physiology
- Endocrinology and reproduction
- Immunology
- Cell biology and genetics
- Basic sciences of imaging and irradiation

Candidates should attend General Physiology and Applied Anatomy lecturers/sessions

Part 1B include

- Anatomy and physiology of the fetus
- Pathology
- Microbiology
- Pharmacology
- Pathophysiology in Obstetrics and Gynaecology
- Epidemiology and statistics
- Bioethics

- MGPA 190      General Physiology
- MOBA 190      Applied Anatomy for Obstetrics and Gynaecology
- MOBB 190      Obstetrics Gynaecology

**NB. Please note that candidates can write any of the part 1 subsections separately or both at the same exam program.**

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- Final examination consists of two theory papers, clinicals in OSPE format/Clinical cases and OSCE. Theory consists of 2 separate papers namely Paper 1 Obstetrics and Paper 2 Gynaecology of 3hours each; MCQ using SBA format may be used. Clinical component consists of 4 OSPEs of Obstetrics and 4 OSPEs of Gynaecology, and OSCE of 14 to 16 stations with some manned (live stations);
- To be invited for clinical exams a Subminimum of 48% is required in the written examinations;
- The final examination mark should be 50%; and
- Both the practical and/or clinical part of examination must be passed (OSCE must be passed by 50% or more, the OSPEs must be passed as per College of Medicine Rules i.e. if fails 2 or more OSPEs in Obstetrics, or 2 or more OSPEs in Gynaecology then the candidate has failed the exam despite overall greater than 50%).

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project approved by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the

- theoretical and practical components of the programme
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory
  - e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) will be expected to also have passed the dissertation marked by external examiners.
  - f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

**Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required  
The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801            Research methodology course – passed with 50%
- MOBA 090        Dissertation (Obstetrics & Gynaecology)

**Note:**

- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b. 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
- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Rules for selection and progression:**

<b>SMM2.18</b>	<b>MMED (OBSTETRICS AND GYNAECOLOGY)</b>
<b>1. Entry requirements into the programme:</b>	
<ol style="list-style-type: none"> <li>1.1. Completed and passed MBCHB or equivalent</li> <li>1.2. Completed Internship</li> <li>1.3. Completed Community Service</li> <li>1.4. Selected as per recruitment process, including interview</li> <li>1.5. Additional relevant experience or courses e.g. PG Dip in Obstetrics</li> </ol>	
<b>2. HPCSA requirements for placement and during training:</b>	
<ol style="list-style-type: none"> <li>2.1. HPCSA training post available</li> <li>2.2. Registration with HPCSA updated and relevant fees paid annually</li> </ol>	
<b>3. Clinical training time required in order to complete the programme successfully:</b>	
<ol style="list-style-type: none"> <li>3.1. Minimum time span: N=60 Months</li> <li>3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3. All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension.               <ol style="list-style-type: none"> <li>3.1.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.1.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>3.1.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.1.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</li> </ol> </li> </ol>	
<b>4. Primary Assessment:</b>	
<ol style="list-style-type: none"> <li>4.1. Period in which to complete the Primary examination: Within 18 months of first registration</li> <li>4.2. Modules and/or scope of content: As specified per CMSA</li> <li>4.3. Passed mark obtained and all CMSA requirements being met</li> </ol>	

<p><b>5. Intermediate Assessment:</b></p> <p>5.1. Period in which to complete Intermediate Examination: 36 months of first registration  5.2. Modules and/or scope of content: As per CMSA exit exams  5.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>6. Final Assessment / Part 2 Examination:</b></p> <p>6.1. Period in which to complete Final Examination: 48-60 months of first registration  6.2. Modules and/or scope of content: As per CMSA exit exams  6.3. Pass mark must be obtained and all CMSA requirements must be met  6.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>7. Research requirements</b></p> <p>7.1. Period: N=60 Months  7.2. REME course completed and passed within 18 (or 24) months of first registration  7.3. Research protocol submitted to SREC within 24 months of first registration  7.4. Research protocol submitted to SMUREC within 30 months  7.5. Research completed and submitted for external review within 56 months of first registration  7.6. Research passed by two independent external examiners within 60 months of first registration</p>
<p><b>8. Exit of training post:</b></p> <p>8.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>8.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 8.1.1 and 8.1.2</p>

## **SMM2.20 MMED (OPHTHALMOLOGY)**

### **Programme Information:**

Head of department: Prof JF Olivier  
Coordinator: Prof JF Olivier  
Departmental Secretary: Ms. Reshoketswe Molatana  
Departmental e-mail: [reshoketswe.molatana@smu.ac.za](mailto:reshoketswe.molatana@smu.ac.za)  
Programme Title: Masters of Medicine in Ophthalmology  
Programme abbreviation: MMed (Ophthalmology)  
Programme Code: MMDD01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117123</a>	Master of Medicine in Ophthalmology	NQF Level 09	790

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of Four (4) years / 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAA190 Applied Anatomy of Head and Neck
- MGPA190 Applied Physiology
- MOHB190 Ophthalmology (Pathology)

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MOHA190 Ophthalmology (Major) including:

#### **Note:**

- Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. CPD, Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- Students must pass the clinical component of the examination regardless of marks obtained for theory
- A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented at such an examination.
- The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

#### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
  - MOHA090 Mini-dissertation (Dissertation Ophthalmology) **Note:**
- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research.

- b. 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
- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Rules for selection and progression:**

<b>SMM2.20</b>	<b>MMED (OPHTHALMOLOGY)</b>
<b>1. Entry requirements into the programme:</b>	
<ul style="list-style-type: none"> <li>1.1. Completed and passed MBCHB or equivalent</li> <li>1.2. Completed Internship</li> <li>1.3. Completed Community Service</li> <li>1.4. Selected as per recruitment process, including interview</li> <li>1.5. Additional relevant experience or courses e.g. PG Dip in Ophthalmology may be an advantage, but is not required.</li> </ul>	
<b>2. HPCSA requirements for placement and during training :</b>	
<ul style="list-style-type: none"> <li>2.1. HPCSA training post available</li> <li>2.2. Registration with HPCSA updated and relevant fees paid annually</li> </ul>	
<b>3. Clinical training time required in order to complete the programme successfully:</b>	
<ul style="list-style-type: none"> <li>3.1. Minimum time span: N=48 Months</li> <li>3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3. All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension. <ul style="list-style-type: none"> <li>3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</li> </ul> </li> </ul>	
<b>4. Primary Assessment:</b>	
<ul style="list-style-type: none"> <li>4.1. Period in which to complete the Primary examination: Within 18 months of first registration</li> <li>4.2. Modules and/or scope of content: As specified per CMSA</li> <li>4.3. Passed mark obtained and all CMSA requirements being met</li> </ul>	
<b>5. Final Assessment / Part 2 Examination:</b>	
<ul style="list-style-type: none"> <li>5.1. Period in which to complete Final Examination: 36-48 months of first registration</li> <li>5.2. Modules and/or scope of content: As per CMSA exit exams</li> <li>5.3. Pass mark must be obtained and all CMSA requirements must be met</li> <li>5.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</li> </ul>	
<b>6. Research requirements</b>	
<ul style="list-style-type: none"> <li>6.1. Period: N=48 Months</li> <li>6.2. REME course completed and passed within 18 months of first registration</li> <li>6.3. Research protocol submitted to SREC within 18 months of first registration</li> <li>6.4. Research protocol submitted to SMUREC within 24 months</li> <li>6.5. Completed data collection within 30 months</li> <li>6.6. Research completed and submitted for external review within 44 months of first registration</li> <li>6.7. Research passed by two independent external examiners within 48 months of first registration</li> </ul>	

## 7. Exit of training post:

7.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.

7.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.

7.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.

7.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

## SMM2.21 MMED (ORTHOPAEDIC SURGERY)

### Programme Information:

Head of department: Prof SS Golele (Acting)

Coordinator: Prof SS Golele

Departmental Secretary: Ms EL Strauss

Departmental e-mail: [leonie.strauss@smu.ac.za](mailto:leonie.strauss@smu.ac.za)

Programme Title: Masters of Medicine in Orthopaedics

Programme abbreviation: MMed (Orthopaedics)

Programme Code: MMED01

HPCSA Accreditation: Accredited as per HPCSA report of September 2022

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117124</a>	Master of Medicine in Orthopaedics	NQF Level 09	1040

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of five years / 60 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAC190 Applied Anatomy for Surgical Disciplines
- MORA190 Orthopaedics Pathology
- MGPA190 General Physiology

### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities.

- MSUA190 General Principles of Surgery

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MORB190 Orthopaedics (Major)

#### **Note:**

- Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- Students must pass the clinical component of the examination regardless of marks obtained for theory
- A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented at such an examination.
- The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MORA090 Mini-dissertation (Dissertation Orthopaedics)

#### **Note:**

- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work or evidence of having published one (1) original article in an accredited journal.
- 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
- The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Rules for selection and progression:**

<b>SMM2.21 MMED (ORTHOPAEDIC SURGERY)</b>
<p><b>1. Entry requirements into the programme:</b></p> <ol style="list-style-type: none"> <li>1.1. Completed and passed MBCHB or equivalent</li> <li>1.2. Completed Internship</li> <li>1.3. Completed Community Service</li> <li>1.4. Selected as per recruitment process, including interview</li> <li>1.5. Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li> </ol>

<p><b>2. HPCSA requirements for placement and during training :</b></p> <p>2.1. HPCSA training post available 2.2. Registration with HPCSA updated and relevant fees paid annually</p>
<p><b>3. Clinical training time required in order to complete the programme successfully:</b></p> <p>3.1. Minimum time span: N=60 Months 3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook 3.3. All Work-Place Based Assessment (WBA) requirements being met 3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension. 3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval. 3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project 3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval. Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1. Period in which to complete the Primary examination: Within 18 months of first registration 4.2. Modules and/or scope of content: As specified per CMSA 4.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Intermediate Assessment:</b></p> <p>5.1. Period in which to complete Intermediate Examination: 48 months of first registration 5.2. Modules and/or scope of content: As per CMSA exit exams 5.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>6. Final Assessment / Part 2 Examination:</b></p> <p>6.1. Period in which to complete Final Examination: 48-60 months of first registration 6.2. Modules and/or scope of content: As per CMSA exit exams 6.3. Pass mark must be obtained and all CMSA requirements must be met 6.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>7. Research requirements</b></p> <p>7.1. Period: N=60 Months 7.2. REME course completed and passed within 18 (or 24) months of first registration 7.3. Research protocol submitted to SREC within 24 months of first registration 7.4. Research protocol submitted to SMUREC within 30 months 7.5. Research completed and submitted for external review within 56 months of first registration 7.6. Research passed by two independent external examiners within 60 months of first registration</p>
<p><b>8. Exit of training post:</b></p> <p>8.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations. 8.1.1. Candidates who are still to complete a research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees. 8.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees. 8.1.3. Candidates who are still to complete the research and to pass college examinations are to</p>

exit the registrar post, but will be allowed to register as per 8.1.1 and 8.1.2

## **SMM2.22 MMED (OTORHINOLARYNGOLOGY)**

### **Programme Information:**

Head of department: Dr RS Masela  
Coordinator: Dr N. Diale  
Departmental Secretary: Vacant  
Departmental e-mail: [refilwe.masela@smu.ac.za](mailto:refilwe.masela@smu.ac.za)  
Programme Title: Masters of Medicine in Otorhinolaryngology  
Programme abbreviation: MMed (Otorhinolaryngology)  
Programme Code: MMDE01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117125</a>	Master of Medicine in Otorhinolaryngology	NQF Level 09	720

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of five (5) years / 60 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified.
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAA190 Applied Anatomy of Head and Neck
- MGPA190 General Physiology

#### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities.

- MSUA190 General Principles of Surgery (Ancillary)
- MOGA190 Pathology (Ancillary)

## **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MOGB190 Otorhinolaryngology (Major) Note:
  - a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
  - b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
  - c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
  - d. Students must pass the clinical component of the examination regardless of marks obtained for theory
  - e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented at such an examination.
  - f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

## **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MOGA090 Mini-dissertation (Dissertation Otorhinolaryngology)

## **Note:**

- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b. 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
- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

## **Rules for selection and progression:**

<b>SMM2.22</b>	<b>MMED (OTORHINOLARYNGOLOGY)</b>
<b>1. Entry requirements into the programme:</b> <ol style="list-style-type: none"><li>1.1. Completed and passed MBCHB or equivalent</li><li>1.2. Completed Internship</li><li>1.3. Completed Community Service</li><li>1.4. Selected as per recruitment process, including interview</li><li>1.5. Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li></ol>	
<b>2. HPCSA requirements for placement and during training :</b> <ol style="list-style-type: none"><li>2.1. HPCSA training post available</li><li>2.2. Registration with HPCSA updated and relevant fees paid annually</li></ol>	
<b>3. Clinical training time required in order to complete the programme successfully:</b> <ol style="list-style-type: none"><li>3.1. Minimum time span: N=60 Months</li><li>3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li></ol>	

<p>3.3. All Work-Place Based Assessment (WBA) requirements being met</p> <p>3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension.</p> <p>3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</p> <p>3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1. Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2. Modules and/or scope of content: As specified per CMSA</p> <p>4.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Intermediate Assessment :</b></p> <p>5.1. Period in which to complete Intermediate Examination: 48 months of first registration</p> <p>5.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>6. Final Assessment / Part 2 Examination:</b></p> <p>6.1. Period in which to complete Final Examination: 48-608 months of first registration</p> <p>6.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>6.3. Pass mark must be obtained and all CMSA requirements must be met</p> <p>6.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>7. Research requirements</b></p> <p>7.1. Period: N=60 Months</p> <p>7.2. REME course completed and passed within 18 (or 24) months of first registration</p> <p>7.3. Research protocol submitted to SREC within 24 months of first registration</p> <p>7.4. Research protocol submitted to SMUREC within 30 months</p> <p>7.5. Research completed and submitted for external review within 56 months of first registration</p> <p>7.6. Research passed by two independent external examiners within 60 months of first registration</p>
<p><b>8. Exit of training post:</b></p> <p>8.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>8.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 8.1.1 and 8.1.2</p>

## SMM2.23 MMed (PAEDIATRICS AND CHILD HEALTH)

### **Programme Information:**

Head of department: Prof MPB Mawela  
Coordinator: Dr M Mugeru and Dr L Mothobi  
Departmental Secretary: Ms Leandre Beukes  
Departmental e-mail: [leandre.beukes@smu.ac.za](mailto:leandre.beukes@smu.ac.za)  
Programme Title: Masters of Medicine in Paediatrics and Child Health  
Programme abbreviation: MMed (Paediatrics and Child Health)  
Programme Code: MMD01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117126</a>	Master of Medicine in Paediatrics and Child Health	NQF Level 09	720

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by PGC and ratified by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to rotate within the extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration as a Registrar with the University.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MGPA190 General Physiology (Optional)
- MPAA190 Paediatrics and Child Health (Part I) at the College of Medicine South Africa(CMSA)

#### **Final Assessment**

The final Assessment may not be taken earlier than three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MPAB190 Paediatrics and Child Health (Part 2) at the College of Medicine South Africa(CMSA)

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.

- b. Students shall have completed and presented a written mini-dissertation for external evaluation or provide proof of submission of at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment
- f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree successful completion of a mini-dissertation / publishable manuscript / published article is required

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
  - DIPA761Dissertation Paediatrics & Child Health Note:
- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research.
  - b. 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
  - c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with an MMed degree.

### **Rules for selection and progression:**

<b>SMM2.23</b>	<b>MMED (PAEDIATRICS AND CHILD HEALTH)</b>
1. Entry requirements into the programme:	
<ol style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li> </ol>	
2. HPCSA requirements for placement and during training :	
<ol style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ol>	
3. Clinical training time required in order to complete the programme successfully:	
<ol style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Quarterly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension.               <ol style="list-style-type: none"> <li>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</li> <li>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.4 Extension for clinical training time can only be granted for a maximum time of 2 years (N+2)</li> </ol> </li> </ol>	

<p>4. Primary Assessment:</p> <p>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2 Modules and/or scope of content: As specified per CMSA</p> <p>4.3 Passed mark obtained and all CMSA requirements being met</p>
<p>5. Final Assessment / Part 2 Examination:</p> <p>5.1 Period in which to complete Final Examination: within 48 months of first registration</p> <p>5.2 Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3 Pass mark must be obtained and all CMSA requirements must be met</p> <p>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p>6. Research requirements</p> <p>6.1 Period: N=48 Months</p> <p>6.2 REME course completed and passed within 18 months of first registration</p> <p>6.3 Research protocol submitted to SREC within 24 months of first registration</p> <p>6.4 Research protocol submitted to SMUREC within 30 months</p> <p>6.5 Research completed and submitted for external review within 44 months of first registration</p> <p>6.6 Research passed by two independent external examiners within 48 months of first registration</p>
<p>7. Exit of training post:</p> <p>7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2</p>

## SMM2.25 MMED (PLASTIC SURGERY)

### Programme Information:

Head of department: Prof K Segwapa  
 Coordinator: Prof K Segwapa  
 Departmental Secretary: Ms M Kekana  
 Departmental e-mail: [marutla.kekana@smu.ac.za](mailto:marutla.kekana@smu.ac.za)  
 Programme Title: Masters of Medicine in Plastic Surgery  
 Programme abbreviation: MMed (Plastic Surgery)  
 Programme Code: MMEC01  
 HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
 SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117127</a>	Master of Medicine in Plastic Surgery	NQF Level 09	600

## **CURRICULUM**

### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of five years / 60 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms throughout the clinical training period.
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAC190 Applied Anatomy for Surgical Disciplines
- MGPA190 General Physiology
- MREA190 Plastic Surgical Pathology

#### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities.

- MSUA190 General Principles of Surgery

#### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MREB190 Plastic and Reconstructive Surgery (Major)

#### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented at such an examination.
- f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MREA090 Mini-dissertation (Dissertation Plastic Surgery)

### **Note:**

- a. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b. 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
- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Rules for selection and progression:**

<b>SMM2.25</b>	<b>MMED (PLASTIC SURGERY)</b>
<b>1. Entry requirements into the programme:</b>	
1.1. Completed and passed MBCHB or equivalent 1.2. Completed Internship 1.3. Completed Community Service 1.4. Selected as per recruitment process, including interview 1.5. Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.	
<b>2. HPCSA requirements for placement and during training :</b>	
2.1. HPCSA training post available 2.2. Registration with HPCSA updated and relevant fees paid annually	
<b>3. Clinical training time required in order to complete the programme successfully:</b>	
3.1. Minimum time span: N=60 Months 3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook 3.3. All Work-Place Based Assessment (WBA) requirements being met 3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension. 3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval. 3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project 3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval. 3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)	
<b>4. Primary Assessment:</b>	
4.1. Period in which to complete the Primary examination: Within 18 months of first registration 4.2. Modules and/or scope of content: As specified per CMSA 4.3. Passed mark obtained and all CMSA requirements being met	
<b>5. Intermediate Assessment:</b>	
5.1. Period in which to complete Intermediate Examination: 48 months of first registration 5.2. Modules and/or scope of content: As per CMSA exit exams 5.3. Passed mark obtained and all CMSA requirements being met	

## 6. Final Assessment / Part 2 Examination:

- 6.1. Period in which to complete Final Examination: 48-60 months of first registration
- 6.2. Modules and/or scope of content: As per CMSA exit exams
- 6.3. Pass mark must be obtained and all CMSA requirements must be met
- 6.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination

## 7. Research requirements

- 7.1. Period: N=60 Months
- 7.2. REME course completed and passed within 18 (or 24) months of first registration
- 7.3. Research protocol submitted to SREC within 24 months of first registration
- 7.4. Research protocol submitted to SMUREC within 30 months
- 7.5. Research completed and submitted for external review within 56 months of first registration
- 7.6. Research passed by two independent external examiners within 60 months of first registration

## 8. Exit of training post:

- 8.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.
  - 8.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
  - 8.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
  - 8.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 8.1.1 and 8.1.2

## SMM2.26 MMED (PSYCHIATRY)

### Programme Information:

Head of department: Dr SP Mazibuko  
Departmental Secretary: Ms F Mohulatsi  
Departmental e-mail: [secretary.psychiatry@smu.ac.za](mailto:secretary.psychiatry@smu.ac.za)  
Programme Title: Masters of Medicine in Psychiatry  
Programme abbreviation: MMed (Psychiatry)  
Programme Code: MMDR01  
HPCSA Accreditation: To apply for re-accreditation  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117128</a>	Master of Medicine in Psychiatry	NQF Level 09	648

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years / 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables

- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAB190 Applied Neuro-anatomy
- MAPA190 Applied Physiology
- MPSC190 Psychology, relevant to Psychiatry

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MPSA190 Neurology, relevant to Psychiatry
- MPSB190 Psychiatry (Major)

### **Note:**

- Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment
- The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- Students must pass the clinical component of the examination regardless of marks obtained for theory
- A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented at such an examination.
- The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MPSA090 Mini-dissertation (Dissertation Psychiatry)

### **Note:**

- Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- 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

- c. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Rules for selection and progression:**

<b>SMM2.26</b>	<b>MMED (PSYCHIATRY)</b>
<p>1. Entry requirements into the programme:</p> <ul style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.</li> </ul>	
<p>2. HPCSA requirements for placement and during training :</p> <ul style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ul>	
<p>3. Clinical training time required in order to complete the programme successfully:</p> <ul style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met</li> <li>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension. <ul style="list-style-type: none"> <li>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the</li> <li>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</li> </ul> </li> </ul>	
<p>4. Primary Assessment:</p> <ul style="list-style-type: none"> <li>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</li> <li>4.2 Modules and/or scope of content: As specified per CMSA</li> <li>4.3 Passed mark obtained and all CMSA requirements being met</li> </ul>	
<p>5. Final Assessment / Part 2 Examination:</p> <ul style="list-style-type: none"> <li>5.1 Period in which to complete Final Examination: within 48 months of first registration</li> <li>5.2 Modules and/or scope of content: As per CMSA exit exams</li> <li>5.3 Pass mark must be obtained and all CMSA requirements must be met</li> <li>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</li> </ul>	
<p>6. Research requirements</p> <ul style="list-style-type: none"> <li>6.1 Period: N=48 Months</li> <li>6.2 REME course completed and passed within 18 (or 24) months of first registration</li> <li>6.3 Research protocol submitted to SREC within 24 months of first registration</li> <li>6.4 Research protocol submitted to SMUREC within 30 months</li> <li>6.5 Research completed and submitted for external review within 44 months of first registration</li> <li>6.6 Research passed by two independent external examiners within 48 months of first registration</li> </ul>	

## 7. Exit of training post:

- 7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.
- 7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
- 7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
- 7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

## SMM2.27 MMed (PUBLIC HEALTH MEDICINE)

### Programme Information:

Head of department: Dr T Ledibane  
Coordinator: Dr T Ledibane  
Departmental Secretary: Ms Mtsweni  
Departmental e-mail: [lesego.mtsweni@smu.ac.za](mailto:lesego.mtsweni@smu.ac.za)  
Programme Title: Masters of Medicine in Public Health Medicine  
Programme abbreviation: MMed (Public Health Medicine)  
Programme Code: MMDF01  
HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117129</a>	Master of Medicine in Public Health Medicine	09	720

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Students will be rotated through and exposed to health services in various parts of the country and must be prepared to accept prolonged absences from their usual place of residence
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised.
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- CHRC701 (MHMB190) Communicable and non-communicable health related conditions
- ATHS701 (MHMA190) Administrative theory and the health-related social sciences
- ETBD701 (MHMC190) Epidemiologic theory, biostatistics and demography

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- COHE761 (MHMD190) Community Health (Major)

The written assessment consists of three separate papers as follows:

- Health Services Administration
- Systematic and Interventional Epidemiology
- Environmental Health

The final combined mark is calculated in a ratio of 60:20:20 for the written, oral and practical parts respectively. A sub-minimum of 50% in the written Assessment and 40% in both the practical and oral Assessments is required.

### **Note:**

- a. Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b. Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c. The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- d. Students must pass the clinical component of the examination regardless of marks obtained for theory
- e. A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented in the CMSA examination.
- f. The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- (DICH761) MHMA090

### **Note:**

- a. Prior to examination, a candidate must submit in its final and corrected form a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b. The mini-dissertation / publishable manuscript / published article must be handed in to the Head of the Department not less than 30 days before commencement of the assessment period during which the student intends to take the final assessment.
- c. 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
- d. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

## Rules for selection and progression:

### **SMM2.27 MMed (Public Health Medicine)**

1. Entry requirements into the programme:
  - 1.1 Completed and passed MBCHB or equivalent
  - 1.2 Completed Internship
  - 1.3 Completed Community Service
  - 1.4 Selected as per recruitment process, including interview
  - 1.5 Additional relevant experience or courses e.g. PG Dip in Public Health or Occupational Medicine may be an advantage, but is not required.
2. HPCSA requirements for placement and during training :
  - 2.1 HPCSA training post available
  - 2.2 Registration with HPCSA updated and relevant fees paid annually
3. Clinical training time required in order to complete the programme successfully:
  - 3.1 Minimum time span: N=48 Months
  - 3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook
  - 3.3 All Work-Place Based Assessment (WBA) requirements being met
  - 3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension.
    - 3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.
    - 3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project
    - 3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.
    - 3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)
4. Primary Assessment:
  - 4.1 Period in which to complete the Primary examination: Within 18 months of first registration
  - 4.2 The second opportunity to re-write the Primary examination shall be within 24 months of first registration (for candidates who failed the Primary examination)
  - 4.3 Modules and/or scope of content: As specified per CMSA
  - 4.4 Passed mark obtained and all CMSA requirements being met
5. Final Assessment / Part 2 Examination:
  - 5.1 Period in which to complete Final Examination: within 48 months of first registration
  - 5.2 Modules and/or scope of content: As per CMSA exit exams
  - 5.3 Pass mark must be obtained and all CMSA requirements must be met
  - 5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination
6. Research requirements
  - 6.1 Period: N=48 Months
  - 6.2 REME course completed and passed within 18 (or 24) months of first registration
  - 6.3 Research protocol submitted to SREC within 24 months of first registration
  - 6.4 Research protocol submitted to SMUREC within 30 months
  - 6.5 Short Report completed and obtained a pass mark from the CPHM (SA)
  - 6.6 Research completed and submitted for external review within 44 months of first registration
  - 6.7 Research passed by two independent external examiners within 48 months of first registration
7. Exit of training post:
  - 7.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.

- 7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.
- 7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.
- 7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1.2

## SMM2.29 MMED ( SURGERY)

### Programme Information:

Head of department: Prof MZ Koto  
 Coordinator: Prof MZ Koto  
 Departmental Secretary: Ms Mathildah Howard & Kutlwano Menyatsoe Departmental e-mail: [Mathilda.howard@smu.ac.za](mailto:Mathilda.howard@smu.ac.za)  
 Programme Title: Masters of Medicine in Surgery  
 Programme abbreviation: MMed (Surgery)  
 Programme Code: MMEE01  
 HPCSA Accreditation: Accredited as per HPCSA report of September 2022  
 SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117131</a>	Master of Medicine in Surgery	NQF Level 09	900

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of five years / 60 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAC190 Applied Anatomy for Surgical Disciplines (Including Embriology) Primary
- MSUC190 General Surgical Pathology
- MGPA190 General Physiology

### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities.

- MSUA190 General Principles of Surgery

### **Final Assessment**

The final Assessment may not be taken within three years of enrolment (taken after 36 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MSUB190 General Surgery (Major) Note:
  - a) Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
  - b) Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
  - c) The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
  - d) Students must pass the clinical component of the examination regardless of marks obtained for theory
  - e) A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided the University is represented at such an examination.
  - f) The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MSUA090 Mini-dissertation (Dissertation Surgery)

### **Note:**

- a) Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b) 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
- c) The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Rules for selection and progression:**

<b>SMM2.29</b>	<b>MMED ( SURGERY)</b>
<b>1. Entry requirements into the programme:</b>	
1.1 Completed and passed MBCHB or equivalent	
1.2 Completed Internship	
1.3 Completed Community Service	
1.4 Selected as per recruitment process, including interview	
1.5 Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.	

<p><b>2. HPCSA requirements for placement and during training :</b></p> <p>2.1 HPCSA training post available</p> <p>2.2 Registration with HPCSA updated and relevant fees paid annually</p>
<p><b>3 Clinical training time required in order to complete the programme successfully:</b></p> <p>3.1 Minimum time span: N=60 Months</p> <p>3.2 Six monthly formative assessment reports / Competencies as per approved CMSA logbook</p> <p>3.3 All Work-Place Based Assessment (WBA) requirements being met</p> <p>3.4 Candidates who need additional training time can only do so in the case of a successful formal application for extension.</p> <p>3.4.1 The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.2 The first application for extension can only be approved for ONE additional year (N+1), subject having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</p> <p>3.4.3 In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4 Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4 Primary Assessment:</b></p> <p>4.1 Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2 Modules and/or scope of content: As specified per CMSA</p> <p>4 Passed mark obtained and all CMSA requirements being met</p>
<p><b>5 Intermediate Assessment :</b></p> <p>5.1 Period in which to complete Intermediate Examination: 48 months of first registration</p> <p>5.2 Modules and/or scope of content: As per CMSA exit exams</p> <p>5 Passed mark obtained and all CMSA requirements being met</p>
<p><b>6 Final Assessment / Part 2 Examination:</b></p> <p>6.1 Period in which to complete Final Examination: 48-60 months of first registration</p> <p>6.2 Modules and/or scope of content: As per CMSA exit exams</p> <p>6.3 Pass mark must be obtained and all CMSA requirements must be met</p> <p>6 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>7 Research requirements</b></p> <p>7.1 Period: N= 60Months</p> <p>7.2 REME course completed and passed within 18 (or 24) months of first registration</p> <p>7.3 Research protocol submitted to SREC within 24 months of first registration</p> <p>7.4 Research protocol submitted to SMUREC within 30 months</p> <p>7.5 Research completed and submitted for external review within 56 months of first registration</p> <p>7 Research passed by two independent external examiners within 60 months of first registration</p>
<p><b>8 Exit of training post:</b></p> <p>8.1 Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>8.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the</p>

registrar post, but will be allowed to register as per 8.1.1 and 8.1.2

## **SMM2.30 MMED (UROLOGY)**

### **Programme Information:**

Head of department: Prof SBA Mutambirwa  
Coordinator: Dr Magape KG Maimela  
Departmental Secretary: Ms J Tladi  
Departmental e-mail: [Jeanette.tladi@smu.ac.za](mailto:Jeanette.tladi@smu.ac.za)  
Programme Title: Masters of Medicine in Urology  
Programme abbreviation: MMed (Urology)  
Programme Code: MMEB01 HPCSA Accreditation: Fully accredited  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Min Credits
<a href="#">117132</a>	Master of Medicine in Urology	NQF Level 09	180

### **CURRICULUM**

#### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of five years / 60 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- MHAC190 Applied Anatomy for Surgical Disciplines
- MGPA190 General Physiology
- MURA190 Urothology

#### **Intermediate Assessment**

This Assessment will be taken after a student has rotated through the relevant and related units or specialities.

- MSUA190 General Principles of Surgery with emphasis on Intensive Care

#### **Final Assessment**

The final Assessment may not be taken within four years of enrolment (taken after 48 months) as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- MURB190 General Urology Note:

- a) Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b) Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c) The final Assessment may take different formats e.g. written, oral and clinical and will include both the theoretical and practical components of the programme
- d) Students must pass the clinical component of the examination regardless of marks obtained for theory
- e) A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented at such an examination.
- f) The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

### **Research:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- MURA090 Mini Mini-dissertation (Urology)

### **Note:**

- a) Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
- b) 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
- c) The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

### **Rules for selection and progression:**

<b>SMM2.30</b>	<b>MMED (UROLOGY)</b>
<b>1. Entry requirements into the programme:</b>	
1.1. Completed and passed MBCHB or equivalent 1.2. Completed Internship 1.3. Completed Community Service 1.4. Selected as per recruitment process, including interview 1.5. Additional relevant experience or courses e.g. PG Dip in the discipline may be an advantage, but is not required.	
<b>2. HPCSA requirements for placement and during training:</b>	
2.1. HPCSA training post available 2.2. Registration with HPCSA updated and relevant fees paid annually	
<b>3. Clinical training time required in order to complete the programme successfully:</b>	
3.1. Minimum time span: N=60 Months 3.2. Six monthly formative assessment reports / Competencies as per approved CMSA logbook 3.3. All Work-Place Based Assessment (WBA) requirements being met 3.4. Candidates who need additional training time can only do so in the case of a successful formal application for extension. <ol style="list-style-type: none"> <li>3.4.1. The HOD of the Academic Department should approve this application and the Clinical Manager in the Hospital should endorse the approval.</li> <li>3.4.2. The first application for extension can only be approved for ONE additional year (N+1), subject</li> </ol>	

<p>having successfully passed the Primaries and obtained Ethical clearance for the MMed research project</p> <p>3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The HOD of the Academic Department should approve this (second) application and the Clinical Manager in the Hospital should endorse the approval.</p> <p>3.4.4. Extension for clinical training time can only be granted for a maximum time of years (N+2)</p>
<p><b>4. Primary Assessment:</b></p> <p>4.1. Period in which to complete the Primary examination: Within 18 months of first registration</p> <p>4.2. Modules and/or scope of content: As specified per CMSA Passed mark obtained and all CMSA requirements being met</p>
<p><b>5. Intermediate Assessment :</b></p> <p>5.1. Period in which to complete Intermediate Examination: 48 months of first registration</p> <p>5.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3. Passed mark obtained and all CMSA requirements being met</p>
<p><b>6. Final Assessment / Part 2 Examination:</b></p> <p>6.1. Period in which to complete Final Examination: 48-60 months of first registration</p> <p>6.2. Modules and/or scope of content: As per CMSA exit exams</p> <p>6.3. Pass mark must be obtained and all CMSA requirements must be met</p> <p>6.4. The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p><b>7. Research requirements</b></p> <p>7.1. Period: N=60 Months</p> <p>7.2. REME course completed and passed within 18 (or 24) months of first registration</p> <p>7.3. Research protocol submitted to SREC within 24 months of first registration</p> <p>7.4. Research protocol submitted to SMUREC within 30 months</p> <p>7.5. Research completed and submitted for external review within 56 months of first registration</p> <p>7.6. Research passed by two independent external examiners within 60 months of first registration</p>
<p><b>8. Exit of training post:</b></p> <p>8.1. Candidates who completed their clinical training as per 3 above are to exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post in order to finalise Research or in order to enrol for supplementary/additional CMSA examinations.</p> <p>8.1.1. Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>8.1.2. Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>8.1.3. Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 8.1.1 and 8.1.2</p>

## **SMM2.31 MMed ( VIROLOGICAL PATHOLOGY)**

### **Programme Information:**

Head of department: Prof G Selabe  
Coordinator: Dr M Moloi  
Departmental Secretary: Ms K Mawasha  
Departmental e-mail: [Kgaugelo.mawasha@smu.ac.za](mailto:Kgaugelo.mawasha@smu.ac.za)  
Programme Title: Masters of Medicine in Virological Pathology  
Programme abbreviation: MMed (Virological Pathology)  
Programme Code: MMDN01 HPCSA Accreditation: Fully accredited

SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">117133</a>	Master of Medicine in Virological Pathology	NQF Level 09	720

## CURRICULUM

### **Standard Operating Procedures and guiding principles:**

#### **Clinical Experience and the Learning Environment**

Clinical experience must be obtained over a minimum period of four years / 48 months.

- If the candidate has not completed within the prescribed period, a candidate may apply in writing for an extension which must be approved by Senate. A maximum of additional 2 years may be allowed, pending approval from the HOD and endorsement by the CEO of hospital
- In line with the education principle of *see one, do one, teach one*, all Registrars will be expected to contribute to learning, teaching and assessment of relevant UG students, interns or peers in relevant professions as per duty rosters and/or time-tables
- Candidates will be expected to rotate through departments and/or divisions of Clinical Microbiology, Immunology and other clinical departments as prescribed by the training department.
- Clinical experience may include outreach activities and Registrars may therefore be expected to travel as per extended teaching, learning and service platforms
- Entrustable Professional Activities (EPAs) and Workplace-based assessments (WBAs) will be staged throughout the clinical training period.
- Learning and preparation for WBAs should be appropriately supervised, and clinical and surgical exposure towards them suitably quantified
- Academic protected time should be provided for presentations, journal club meetings, research meetings etc. as per the published training programme

#### **Primary Assessment**

All primary assessments must be completed within eighteen (18) (24) months of registration.

Only one re-examination will be granted for each primary course provided that the total time period shall not exceed 30 months.

The syllabus follows that of the College of Medicine of South Africa and is available from the CMSA website.

- Medical Microbiology : MMIC190
- Molecular Biology : MMMA190
- Advanced Virology : MVPA190 Comprised of the following:
- Written Examination (Papers I and II)
- Practical Examination
- Oral Examination

The final combined mark is calculated in a ratio of 40: 40: 20: for written, oral and practical parts respectively. A sub-minimum of 50% is required for each part of the examination.

#### **Final Assessment**

The final examination can only be entered for after 42 months approved registrarship training in Medical Virological Pathology as this examination may only be written after completion of the minimum acceptable training time in the discipline as required by HPCSA and CMSA.

- Virological Pathology Major : MVPB190

#### **Note:**

- a) Admission to the final Examination shall depend on satisfactory continuous demonstration of attendance and competence. A logbook/box must be completed according to College of Medicine rules. Registrars are required to have attended 80% of academic meetings in the department e.g. Morbidity & Mortality, Academic topic presentations, Journal Club and Clinical Case Presentations/OSPE sessions etc.
- b) Students shall have completed and presented a written project prescribed by the Head of the Department or presented a paper at a conference/congress so recognised by the Head of the Department (including Sefako Makgatho Health Sciences University academic day) or published at least one paper in an accredited journal before sitting for the final Assessment.
- c) The final Assessment may take different formats e.g. written, oral and clinical and will include both the

- theoretical and practical components of the programme
- d) Students must pass the clinical component of the examination regardless of marks obtained for theory
  - e) A student who has passed the final Exit Examination of the College of Medicine of South Africa (CMSA) may be exempted from writing the final SMU MMed Assessment, provided that the University is represented at such an examination.
  - f) The final exit examination is hosted by the CMSA and it is the ONLY recognized exit exam in order to obtain the MMed degree.

**SOP Curriculum: Research Mini-dissertation:**

In order to qualify for the Degree a mini-dissertation / publishable manuscript / published article is required. Research Methodology course is required as a prerequisite.

The mini-dissertation / publishable manuscript / published article must be passed separately and independently and a sub-minimum of 50% is required.

- REME801 Research methodology course – passed with 50%
- Mini-dissertation in Virological Pathology : MVPA090

Note:

1. Prior to examination, a candidate must submit a mini-dissertation / publishable manuscript / published article of acceptable standard based on original research work.
2. 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
3. The research must be passed by two external examiners before the candidate can register with the HPCSA or qualify with a MMed degree.

**Rules for selection and progression:**

<b>SMM2.31 MMed (Virological Pathology)</b>
<p>1. Entry requirements into the programme:</p> <ol style="list-style-type: none"> <li>1.1 Completed and passed MBCHB or equivalent</li> <li>1.2 Completed Internship</li> <li>1.3 Completed Community Service</li> <li>1.4 Selected as per recruitment process, including interview</li> <li>1.5 Additional relevant experience or courses e.g. PG Dip in the discipline and/or time spent in a diagnostic laboratory may be an advantage, but is not required.</li> </ol>
<p>2. Health Professions Council of South Africa (HPCSA) requirements for placement and during training:</p> <ol style="list-style-type: none"> <li>2.1 HPCSA training post available</li> <li>2.2 Registration with HPCSA updated and relevant fees paid annually</li> </ol>
<p>3. Laboratory /Clinical training time required in order to complete the programme successfully:</p> <ol style="list-style-type: none"> <li>3.1 Minimum time span: N=48 Months</li> <li>3.2 Competencies as per approved Colleges of Medicine of South Africa (CMSA) log book – Portfolio submission</li> <li>3.3 All Work-Place Based Assessment (WBA) requirements being met- Recently introduced</li> <li>3.4 Candidates who need additional clinical experience can only do so in the case of a successful formal application for extension.               <ol style="list-style-type: none"> <li>3.4.1. The HOD of the Academic Department should approve this application and the Pathology Representative, National Health Laboratory Service (NHLS) Business Manager and Academic Affairs, Research and Quality Assurance (AARQA) Executive should endorse the approval</li> <li>3.4.2. The first application for extension can only be approved for ONE additional year (N+1).</li> <li>3.4.3. In the case of a candidate needing further extension a new application for extension should be submitted. The Head of the Academic Department should approve this (second) application and the Pathology Representative, NHLS Business Manager and AARQA Executive should endorse the approval</li> <li>3.4.4. Extension for training time can only be granted for a maximum time of years (N+2)</li> </ol> </li> </ol>

<p>4. Primary Assessment / Part 1 Examination:</p> <p>4.1 Period in which to complete the Primary examination: Within 18-24 months of first registration</p> <p>4.2 Modules and/or scope of content: As specified per CMSA</p> <p>4.3 Pass mark obtained and all CMSA requirements being met</p>
<p>5. Final Assessment / Part 2 Examination:</p> <p>5.1 Period in which to complete Final Examination: within 48 months of first registration</p> <p>5.2 Modules and/or scope of content: As per CMSA exit exams</p> <p>5.3 Pass mark must be obtained and all CMSA requirements must be met</p> <p>5.4 The mini-dissertation / publishable manuscript / published article have to be submitted for assessment prior to registration for the final exit examination</p>
<p>6. Research requirements</p> <p>6.1 Period: N = 48 Months</p> <p>6.2 REME course completed and passed within 18-24 months of first registration</p> <p>6.3 Research protocol submitted to SREC within 18 to 24 months of first registration</p> <p>6.4 Research protocol submitted to SMUREC within 30 months</p> <p>6.5 Research completed and submitted for external review within 44 months of first registration</p> <p>6.6 Research passed by two independent external examiners within 48 months of first registration</p>
<p>7. Exit of training post:</p> <p>7.1. Candidates who may not have completed their training as per 3&amp;5 OR mini-dissertation as per 6 above may be eligible to have 2 NHLS extensions to the maximum of 16 additional months. This is not automatic – it will be dependent on the reasons for the delays and will follow a rigorous motivation process by the HOD which is to be approved by the Pathology representative, business manager, AARQ executive and finally by the CEO of NHLS. exit the training post once the clinical training is completed and signed off by the HOD and cannot continue to hold such a post to finalise Research or to enrol for supplementary/additional CMSA examinations.</p> <p>7.1.1 Candidates who are still to complete research are to exit the registrar training post, but will be allowed to register for an additional maximum number of 2 years in order to complete the Research. Such additional registration will carry the indicated registration and course fees.</p> <p>7.1.2 Candidates who are still to pass the college exams but who completed the clinical training time are to exit the registrar post, but will be allowed to register for additional training programmes / workshops. Such programmes or workshops will carry the indicated registration and course fees.</p> <p>7.1.3 Candidates who are still to complete the research and to pass college examinations are to exit the registrar post, but will be allowed to register as per 7.1.1 and 7.1</p>

### **SMM3 DEGREE PROGRAMMES**

#### **SMM3.1 GENERAL REGULATIONS FOR MSc DEGREE PROGRAMMES**

The General Rules apply in broad outline only.

#### **SMM3.2 MSc SELECTION**

- (i) Only a limited number of applicants can be admitted to the degree programme.
- (ii) Selection is on merit.
- (iii) Unless otherwise decided by Senate and described in the Faculty or School rules for specific MSc degree courses, the general regulations apply in all MSc degree courses.

### SMM3.3 MSc (CLINICAL PSYCHOLOGY) MCP01

#### Programme Information:

Head of department: Prof L Baloyi  
Coordinator: Dr M Kganya  
Departmental Secretary: Ms B Ledwaba  
Departmental e-mail: [brenda.ledwaba@smu.ac.za](mailto:brenda.ledwaba@smu.ac.za)  
Programme Title: Master of Science in Clinical Psychology  
Programme abbreviation: MSc (Clinical Psychology)  
Programme Code: MCP01 HPCSA Accreditation  
SAQA:

Qual / Prog ID	Qualification Title	NQF Level	Total Credits
<a href="#">113366</a>	Master of Science in Clinical Psychology	NQF Level 09	

### SMM3.3.1 SELECTION AND ADMISSION REQUIREMENTS

#### 3.3.1.1 Selection

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit through a paper/proposal and interview process by a Selection Committee and notified accordingly by the HoD through Office of the Registrar.
- (ii) Students who have been academically excluded in a similar programme at any other University shall not be admitted to the School of Medicine.

#### 3.3.1.2 Admission requirements

- (i) Applicants must be in possession of an Honours degree in Psychology or an equivalent or have received status from Senate according to the rules and regulations regarding such admission..
- (ii) A student must have obtained an average mark of 60% and above to be considered.
- (iii) Furthermore, candidate's Honours programme should have included courses in Psychopathology/abnormal psychology, psychometric testing, and research methodology. A course in neuropsychology would be an added advantage.
- (iv) Students have to register with the HPCSA during the two years of the MSc degree in the category Student Psychologist and provide proof of registration to the HOD.
- (v) Three-year full-time study consisting of research and academic course work including non-credit bearing internship to comply with the Health Professions Council of South Africa's re-linking requirement. Upon successful completion of the two years course work, the candidate must complete a 12-month full time internship in Dr George Mukhari Academic Hospital recognized by the Health Professions Council of South Africa for this purpose.

### SMM3.3.2 CURRICULUM

#### 3.3.2.1 Programme

- (i) The degree programme consists of:
  - a) Advanced courses in Psychodiagnostics and Assessment; Adult and Child Psychopathology; Psychotherapy theory and practice including Systems, African Epistemology, Cognitive-Behavioural, Psychodynamic and Post-modern therapies; Health Psychology; Trauma and Short-term Interventions;

- Community Psychology; Neuropsychology; Forensic Psychology; Psychopharmacology; Research methods; Ethics and Practical work in community, the departmental clinic, and the hospital setting.
- b) Students must demonstrate ethical and professional conduct as prescribed by the HPCSA to advance to the internship site.
  - c) A mini dissertation (MCLA090) on a subject approved in advance by the University Ethics Committee on recommendation of the Head of the Department and prepared under the guidance of a supervisor appointed by Senate and evaluated by two external examiners.
  - d) Three-year full-time study consisting of research and academic course work including non-credit bearing internship to comply with the Health Professions Council of South Africa's re-linking requirement. Upon successful completion of the two years course work, the candidate must complete a mandatory 12-month full time internship in Dr George Mukhari Academic Hospital recognized by the Health Professions Council of South Africa for this purpose.

SUBJECT CODE	DESCRIPTION
MCLA090	Clinical Psychology Mini Dissertation
MCLA190	Psychodiagnostics And Assessment
MCLB190	Psychotherapy Theory
MCLC190	Psychotherapy Practical
MCLD190	Adult & Child Psychopathology, Community Psychology And Ethics
MPYB190	Psychopharmacology, Neuropsychology and Health Psychology
MCLE190	Oral Exam – Integration & Psychodiagnostic Assessment Case Study Presentation

<b>SMM3.3.3</b>	<b>ASSESSMENT</b>
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- (i) Students will be assessed through various formative and summative activities.
- (ii) The summative examination consists of:  
Five (5) written papers (MCLA190, MCLB190, MCLC190, MCLD190, MPYB190), and an Oral examination (MCLE190) and a mini dissertation (MCLA090). Successful completion of the 2-year coursework requires an aggregate of 50% in each course (written and oral) and the mini dissertation.
- iii) A student failing to satisfy the academic, ethical, and professional requirements of the course may not repeat it.

## 12. DOCTORS DEGREE PROGRAMMES

### SMD1 PhD DEGREE PROGRAMME

#### SMD1.1 Admission Requirements

Unless otherwise indicated, the General Rules for postgraduate students apply.

A candidate for the degree of PhD shall execute during not less than two academic years advanced research under the guidance of a supervisor appointed by Senate. The student shall in the first year, enrol for and pass the courses:

REME801      Research Methodology, and  
PROD801      Protocol Development, unless he/she can provide proof of having passed these courses within the previous five years.

The research may take place in the University or in an institution deemed by the Senate to be part of the University for this purpose.

#### SMD1.2 Curriculum: Thesis

DHMA01	Anatomy	MANA100
DHMA01	Anaesthesiology	MAAA100
DHMA01	Anatomical Pathology	MGPA100
DHMA01	Cardiology	MIMA100
DHMA01	Chemical Pathology	MCPA100
DHMA01	Clinical Psychology	MPCA100
DHMA01	Counselling Psychology	COPS909
DHMA01	Community Health	MCMB100
DHMA01	Dermatology	DERM909
DHMA01	Diagnostic Radiography	MRAA100
DHMA01	Diagnostic Radiology	MRAB100
DHMA01	Family Medicine	MFMA100
DHMA01	Forensic Pathology	MGPD100
DHMA01	Haematological Pathology	MHPA100
DHMA01	Hand & Microsurgery	MSUA100
DHMA01	Internal Medicine	MIMB100
DHMA01	Medical Biochemistry	MBIO909
DHMA01	Medical Microbiology	MMMD100
DHMA01	Medical Physics	MRAC100
DHMA01	Medical Virology	MMMC100
DHMA01	Neurology	MNUA100
DHMA01	Nuclear Medicine	MRAD100
DHMA01	Obstetrics and Gynaecology	MPOA100
DHMA01	Ophthalmology	MOHA100
DHMA01	Orthopaedics	MORA100
DHMA01	Otorhinolaryngology	MOGA100
DHMA01	Paediatrics & Child Health	MPOB100
DHMA01	Pharmacology	MPYA100
DHMA01	Physiology	MPLA100
DHMA01	Psychiatry	MPCE100
DHMA01	Psychology	PCLY909
DHMA01	Urology	MURA100

## **SMD1.3 Rules**

### **1.3.1 Appointment of Supervisors and Examiners**

- (i) For each student qualifying according to the faculty rules for Admission, a supervisor shall be appointed who shall have at least the same qualification, failing which a co-supervisor with the required qualification shall be appointed.
- (ii) In all cases two external examiners from outside the University staff establishment having at least an equivalent qualification will be appointed on recommendation of School Board.

## **SMD2 - PHD IN PHYSIOLOGY (DHMA01)**

### **SMD2.1 Selection and Admission Requirements**

#### **2.1.1 Selection**

- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly.
- (ii) Students who have been refused re-registration in a Faculty of Medicine at any other University shall not be admitted to this Medical School

#### **2.1.2 Admission**

Students with a suitable MSc or equivalent degree in physiology or biochemistry are accepted for full-time study in the fields of interest of staff members and are required to complete a thesis.

## **2.2 Curriculum**

A candidate for the degree of PhD in Physiology shall execute during not less than two academic years of research work. The research may take place in the University or in an institution deemed by the Senate to be part of the University for this purpose.

A thesis (PHYL909) on a research project approved in advance by the University Ethics Committee on recommendation of the Head of the Department, and prepared under the direction of a supervisor appointed by Senate.

## **SMD3 MD DEGREE PROGRAMME (DME01)**

The General Rules for post-graduate students apply.

### **SMD3.1 SCHOOL RULES**

#### **3.1.1 Appointment of Supervisors and Examiners**

- (i) For each student qualifying according to the faculty rules for Admission, a supervisor shall be appointed who shall have at least the same qualification, failing which a co-supervisor with the required qualification shall be appointed.
- (ii) In all cases two external examiners having at least the same qualification will be appointed on recommendation by the School Board.

**SMD3.2 CURRICULUM : Set of Publications for Assessment**

DME01	Anaesthesiology	MAAB100
DME01	Anatomical Pathology	MGPC100
DME01	Cardiology	MIMC100
DME01	Cardiothoracic Surgery	MSUB100
DME01	Chemical Pathology	MCPB100
DME01	Community Health	MCMB100
DME01	Dermatology	MDMB100
DME01	Diagnostic Radiology	MRAE100
DME01	Family Medicine	MFMB100
DME01	Forensic Pathology	MGPD100
DME01	General Surgery	MSUE100
DME01	Haematological Pathology	MHPB100
DME01	Hand & Microsurgery	MSUC100
DME01	Internal Medicine	MIMD100
DME01	Medical Biochemistry	MBIO909
DME01	Medical Microbiology	MMMD100
DME01	Neurology	MNUB100
DME01	Neurosurgery	MNUC100
DME01	Nuclear Medicine	MRAF100
DME01	Obstetrics & Gynaecology	MPOC100
DME01	Ophthalmology	MOHB100
DME01	Orthopaedics	MORB100
DME01	Otorhinolaryngology	MOGB100
DME01	Paediatrics & Child Health	MPOD100
DME01	Paediatric Surgery	MSUF100
DME01	Pharmacology	MPYB100
DME01	Plastic Surgery	MSUD100
DME01	Psychiatry	MPCE100
DME01	Urology	MURB100
MMDN01	Medical Virology	MMMC100

**SMD4 DSc (Med) DEGREE PROGRAMME**

The degree of Doctor of Medical Science, DSc (Med) would normally follow on a PhD or MD and could be awarded to a candidate for high level and internationally recognised research based on peer reviewed research articles published in internationally recognised journals. Review articles would not be considered.

**SMD4.1 Admission**

- (i) A person who wishes to be admitted as a candidate for this degree shall lodge an application with the Registrar submitting such evidence of his academic and general qualifications and such information as the rules or as Senate may, from time to time, require. Registration will only be permitted once a person has been admitted to this degree.
- (ii) A person who is not a member of the Convocation and who wishes to proceed to the degree shall not be admitted as a candidate unless Senate is satisfied, on the advice of the board of the Faculty, that there are sound reasons for such Admission.
- (iii) Any one of the following may be admitted by Senate as a candidate:
  - (a) A person in possession of a Doctor of Philosophy or an MD degree of the University of at least four years standing;
  - (b) A graduate of any other university admitted under section 26(b) of the Universities Act, No 61 of 1955 to the status Doctor of Philosophy or MD and who has held the qualification, by virtue of which such Admission has been granted, for a period of at least four years.

#### **SMD4.2 Duration**

At least 12 months before the degree may be conferred.

#### **SMD4.3 Assessments**

A candidate shall give at least six months' notice in writing to the Registrar of his intention to submit his work for Assessment.

- (i) Senate shall appoint on recommendation of the Faculty Board, four examiners of whom at least one internal examiner and two shall be external examiners (of whom at least one shall be an international external examiner who are recognized authorities in the field of the submitted publications.
- (ii) The candidate shall submit, initially, four unbound copies of the set of publications to be examined. If accepted by the panel of examiners, three bound copies shall be submitted to the Registrar prior to the degree being conferred.
- (iii) Should the candidate be the co-author of one or more of the submitted publications, he will be required to state his contribution towards such publication(s) in a statement to be submitted to the Registrar together with the submission of his publications.
- (iv) Definition of "Set of Publications"
  - (a) At least six publications (research articles) should together form one coherent theme. The candidate should be the first author of at least four of the articles. Published abstracts are not permissible.
  - (b) An introduction that encompasses the set of publications as well as one final conclusion should be added.

#### **SMD4.4 Conditions for the award of the degree**

- (i) A candidate for the degree of Doctor of Medical Sci shall submit for approval by Senate:
  - (a) Work of exceptional standard and a record of original and independent research in a field approved by Senate.
  - (b) Work which has been published and has constituted or shall constitute a distinguished contribution to the advancement of knowledge in that field.
- (ii) Work which has been accepted by any other university for the purpose of having a degree conferred will not be acceptable and the candidate will be required to submit to the Registrar a statement to this effect.
- (iii) A candidate for the degree shall be a registered student of the University for at least twelve months before the degree may be conferred.

**THE END**