

## 5.3.1.19 MMed Chemical Pathology MMed (Chem Path)

### Specific admission requirements

The following specific admission requirement applies in addition to the general admission requirements for MMed programmes as mentioned in section 5.3.1 above:

- For potential self-funded registrars:
  - Official evidence of competence in academic English (e.g. IELTS band 7).

### Duration of programme

The programme extends over four years.

### Programme content

#### FIRST YEAR

Basic Principles of Chemical Pathology and Basic Biochemistry (FC Path(SA) Chem Part I)	871(60)
Molecular Pathology	875(10)

#### SECOND AND THIRD YEAR

##### *Section I*

Electrolytes, blood gases, liver functions and lipids	811(65)
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##### *Section II*

Enzymes, proteins, tumour markers and inherited metabolic diseases	843(65)
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##### *Section III*

Endocrinology	872(65)
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**Section IV**

Nutrition and trace elements, toxicology and immunology	875(65)
Laboratory Management	875(10)
Research Methodology	873(10)
Good Laboratory Practice and Medical Ethics	875(10)
Research Assignment	876(120)

**Assessment and examination****Part I**

- As a registrar you will only have two attempts at the FC Path(SA) Chem Part I examination.
- You may make the first attempt 12 months after commencement of the programme, but not later than 18 months.
- You must successfully complete the Part I examination within 24 months of commencement of the programme.
- If you do not comply with the above requirements, you will be excluded from the rest of the programme and you will have to vacate your registrar position. Only in exceptional cases, and with the submission of an appropriate motivation, will the Postgraduate Programme Committee of the Division consider further attendance of the programme and continuation of your service in a registrar post.

**Part II**

- The Health Professions Council of South Africa (HPCSA) requires that you successfully complete the single national exit examination to register as a specialist.
- The Division of Chemical Pathology acknowledges the FC Path(SA) Chem examination as equivalent to and substituting the MMed (Chem Path) Part II examination.
- You must submit a portfolio of evidence as part of flexible assessment before the Part II examination may be attempted.
- It, however, remains the responsibility of the head of the Division to confirm the following:
  - successful completion of laboratory training time;
  - submission of a completed portfolio of evidence;
  - successful completion of the research assignment (MMed research project) according to the regulations of the University in this regard; and
  - successful completion of flexible assessment.
- To be admitted to the FC Path(SA) Chem Part II examination you must achieve a pass mark of 50% in flexible assessment in each of the four sections (only two attempts per section will be allowed), and the research assignment must be submitted for assessment. See the study guide for more details in this regard.
- If you have not successfully completed the flexible assessment by the end of the eighth semester, you will be excluded from the rest of the programme.
- If you are unsuccessful in the first attempt at the Part II examination, a 6-month extension may be requested for a second attempt. If the second attempt is not successful, you will be excluded from the programme. Readmission to the programme must be approved by the Postgraduate Programme Committee, provided that the College of Pathologists has approved any further attempts at the Part II examination.
- The first attempt at the FC Path(SA) Chem Part II examination must not be later than 48 months after commencement of the programme. However, you may write the examination at an earlier stage if you meet the requirements of the College of Pathologists.
- The MMed (Chem Path) Postgraduate Programme Committee may recommend that you be excluded from further attendance of the programme if you do not attempt the FC Path(SA) Chem Part II examination within 48 months.
- If you have not successfully completed the FC Path(SA) Chem Part II examination and the research assignment within the maximum training period of five years of study, you may be excluded from attendance of the rest of the programme.

**Research Assignment**

- The research assignment must be presented in the prescribed format (the publication must either be submitted or approved) and be approved by internal and external examiners.
- The research assignment carries a weight of 120 credits and contributes 25% to the final mark.

## Final mark

- The Part II examination will contribute 75% to the final mark and the assignment 25%.

## Enquiries

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## 5.3 Master's degrees

### 5.3.1 Master of Medicine

#### General admission and selection requirements for the MMed programmes

- The following apply to all MMed programmes:
  - For admission to the MMed degree programme, you must have held an MBChB degree from this University or another qualification considered as sufficient by this University for at least three years prior to application, and must be registered with the Health Professions Council of South Africa as medical practitioner in the category independent practice.
  - If you specialise in Anaesthesiology, Neurosurgery, Emergency Medicine, Otorhinolaryngology, Orthopaedics, and Plastic and Reconstructive Surgery, you must also have completed suitable courses such as ATLS (Advanced Trauma Life Support), ACLS (Advanced Cardiovascular Life Support), PALS (Paediatric Advanced Life Support) and APLS (Advanced Paediatric Life Support). Consult the specific requirements at each programme.
  - If you would like to register as an MMed student with the University, you must occupy a registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. Exceptions to this rule will be considered in the following instances:
    - where you register as an occasional student with the University (refer also to the section on admission as an occasional student in Part 1 (General Rules) of the Yearbook) with the sole purpose of attempting the primary subjects prior to registering as an MMed student and to obtaining a position as registrar; and
    - where you have completed your training time and you are only registering to complete your research assignment.
- If you apply for a training post at the Tygerberg Hospital, the Western Cape Provincial Department of Health and Wellness or another institution considered as equivalent by this University, you must make sure of the programme-specific recommendations which apply to your MMed programme. Direct any enquiries in this regard to the programme leader of your specific programme.

#### Application procedure and closing date

Apply in writing. Senate, or the Executive Committee acting on its behalf, will decide whether you are to be admitted to the MMed programme.

There is no specific closing date for applications. When a registrar post becomes vacant at the Western Cape Department of Health and Wellness, you apply for that position. If you are successful, you will then be admitted to the MMed programme.

#### Duration of programme

The training for the degree takes place over four or five years, depending on the requirements of the department/division under which your major subject falls. The term "major subject" refers to the recognised

area of Medicine in which you choose to specialise.

You must successfully complete the full prescribed training period to register as a specialist with the Health Professions Council of South Africa (HPCSA). The University will only then provide the HPCSA with signed Forms 19 and 57 confirming that an MMed degree qualification can be added to your credentials.

If you are appointed as registrar between 1 January and 31 March of the relevant year, you will graduate at the December graduation ceremony directly preceding the completion of the specific four- or five-year prescribed training period, provided that you comply with all the academic requirements of the degree at that stage.

### Clinical experience

As a candidate for the MMed degree you must prove to the satisfaction of the University that:

- you have successfully held a full-time training position according to the requirements of the relevant department/division for a period of four or five years at Tygerberg Hospital, the Western Cape Department of Health and Wellness or another institution that the University deems equivalent.
- you have received theoretical, practical and clinical training as stipulated in the "Duration of programme" section above.
- you have successfully completed the single national exit examination of the Colleges of Medicine of South Africa (CMSA).

### Exemption

- With regard to the work mentioned in the "Duration of programme" and "Clinical experience" paragraphs above, the University may grant possible partial or full exemption based on comparable training received and experience gained at another recognised institution.
- With regard to prescribed modules as mentioned in the section "Programme content" at the various MMed programmes below, the University may grant possible partial or full exemption based on modules passed at another recognised institution.

### Continuation of study

- If you do not comply with the provisions relating to promotion of your specific MMed programme and you are denied the right to continue with your MMed studies, you must vacate your registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. This ruling also applies to registrars in supernumerary posts.
- Only in exceptional cases, and with the submission of an appropriate motivation and approval of the departmental programme committee concerned, and the Committee for Postgraduate Teaching and the Faculty Board of the Faculty of Medicine and Health Sciences, will you be allowed to register for the MMed programme once again.

### Single national exit examination

- To register as a specialist with the HPCSA you must successfully complete the single national exit examination in your specific field of study. This is an examination independent from that of the University and has an additional cost implication for you.
- It still remains the responsibility of the teaching department at the University to confirm the following:
  - successful completion of prescribed training time and flexible assessment;
  - completion of a research assignment according to the regulations of the University; and
  - submission of a completed case-book.

These assessment components may vary for the different MMed programmes.

### Programme description

The purpose of the qualification is to equip you as a basically qualified medical practitioner (with an MBChB or equivalent qualification) with specialised knowledge, as well as with the skills and attitudes required as a specialist in your chosen speciality, that at least agree with the requirements of the Health Professions Council of South Africa. This will enable you to function as an independent practitioner in the relevant field within any service-rendering and academic environment, by acquiring the knowledge, skills and attitudes to:

- deliver comprehensive healthcare in a conscientious manner to the patient as an individual and as a member of the community;
- develop the attitudes and abilities needed to become an independent learner and to accept the responsibility for continuous lifelong professional development, including the ability to critically evaluate and interpret the relevant literature and to apply it in the profession;
- plan, execute, interpret and publish research relevant to your chosen speciality;
- be able to move, if you so aspire, to the highest level of academic work for doctoral study and to promote an approach based on academic integrity and ethics; and

- contribute to the pool of academics and professionals with the competence and critical intellectual abilities to ensure the future advancement of your chosen speciality, and to make provision for the country's need for a skilled workforce of the highest quality and to ensure that the country remains competitive in an era of growing global competition.

## 5.3.1.23 MMed Microbiological Pathology

### MMed (Microbiol Path)

#### Specific admission requirements

This programme does not have specific admission requirements. The general admission requirements for MMed programmes as mentioned in section 5.3.1 above (under the heading "General admission and selection requirements for the MMed programmes") are applicable.

#### Duration of programme

The programme extends over a minimum of four years.

#### Programme content

Immunology (two-month rotation; attendance module)	876(40)
Laboratory Management (attendance module)	875(10)
Medical Microbiology	876(250)
Medical Virology (six-month rotation)	875(40)
Molecular Pathology (attendance module)	875(10)
Research Assignment	835(120)
Research Methodology (attendance module)	873(10)

#### Assessment and examination

- Flexible assessment is based on the regular evaluation of a portfolio of evidence that you must present to the supervisors along with regular formative assessments (written and practical).
- The written examination for Part I, which is administered by the Colleges of Medicine of South Africa (CMSA), may be taken after a minimum of 12 months into the programme and must be passed with a minimum of 50%.
- Admission to the Part II examination of the College of Pathologists requires prior permission by the head of the Division of Medical Microbiology in consultation with the Postgraduate Programme Committee. You must submit the research assignment or proof of satisfactory progress before you can attempt the Part II examination.
- The Health Professions Council of South Africa (HPCSA) requires that you successfully complete the single exit examination of the CMSA to register as a specialist. The Division of Medical Microbiology acknowledges this examination as equivalent to and substituting the MMed (Microbiol Path) Part II examination. It, however, remains the responsibility of the head of the Division to confirm the following:
  - the successful completion of the clinical training time;

- the successful completion of the assignment according to the regulations of the University in this regard;
- the successful completion of the Part I examination;
- the submission of a completed portfolio of evidence.
- The first attempt at the Part II examination must be undertaken not later than 48 months after commencement of the programme. The examination may be attempted earlier subject to the requirements of the College of Pathologists.

### Research assignment

- The assignment must be on a relevant Medical Microbiology topic of your choice. You must display your ability to conduct independent research by means of the assignment. The assignment must be completed in a standard format according to University regulations, and to the satisfaction of an internal and an unattached external examiner.

### Discontinuation of studies

- If you fail to pass the Part I examination after two attempts within a time period of 24 months into the programme, the Postgraduate Programme Committee will recommend that you discontinue your studies. However, you may motivate to the Programme Committee for permission to undertake a third attempt. If the third attempt is unsuccessful, you will not be permitted to continue with the programme.
- If you have not yet attempted the Part II examination by 48 months, the Programme Committee may recommend that you suspend your studies.
- The Programme Committee may also recommend that you suspend your studies after three failed Part II examination attempts.
- If you have failed to complete the Part II examination and the research assignment successfully within a maximum training period of five years, the Programme Committee may recommend that you suspend your studies. You may, however, apply to the Programme Committee to be allowed to continue beyond five years.

### Final mark

- The Part II examination must be passed with a minimum of 50%.
- The assignment must be passed with a minimum of 50%.
- The final mark is calculated as follows:
  - Medical Virology module 10%
  - Medical Microbiology module 65%
    - Part I examination 25%
    - Part II examination 75%
  - Research assignment 25%

### Enquiries

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## 5.3 Master's degrees

### 5.3.1 Master of Medicine

#### General admission and selection requirements for the MMed programmes

- The following apply to all MMed programmes:
  - For admission to the MMed degree programme, you must have held an MBChB degree from this University or another qualification considered as sufficient by this University for at least three years prior to application, and must be registered with the Health Professions Council of South Africa as medical practitioner in the category independent practice.
  - If you specialise in Anaesthesiology, Neurosurgery, Emergency Medicine, Otorhinolaryngology, Orthopaedics, and Plastic and Reconstructive Surgery, you must also have completed suitable courses such as ATLS (Advanced Trauma Life Support), ACLS (Advanced Cardiovascular Life Support), PALS (Paediatric Advanced Life Support) and APLS (Advanced Paediatric Life Support). Consult the specific requirements at each programme.
  - If you would like to register as an MMed student with the University, you must occupy a registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. Exceptions to this rule will be considered in the following instances:
    - where you register as an occasional student with the University (refer also to the section on admission as an occasional student in Part 1 (General Rules) of the Yearbook) with the sole purpose of attempting the primary subjects prior to registering as an MMed student and to obtaining a position as registrar; and
    - where you have completed your training time and you are only registering to complete your research assignment.
- If you apply for a training post at the Tygerberg Hospital, the Western Cape Provincial Department of Health and Wellness or another institution considered as equivalent by this University, you must make sure of the programme-specific recommendations which apply to your MMed programme. Direct any enquiries in this regard to the programme leader of your specific programme.

#### Application procedure and closing date

Apply in writing. Senate, or the Executive Committee acting on its behalf, will decide whether you are to be admitted to the MMed programme.

There is no specific closing date for applications. When a registrar post becomes vacant at the Western Cape Department of Health and Wellness, you apply for that position. If you are successful, you will then be admitted to the MMed programme.

#### Duration of programme

The training for the degree takes place over four or five years, depending on the requirements of the department/division under which your major subject falls. The term "major subject" refers to the recognised

area of Medicine in which you choose to specialise.

You must successfully complete the full prescribed training period to register as a specialist with the Health Professions Council of South Africa (HPCSA). The University will only then provide the HPCSA with signed Forms 19 and 57 confirming that an MMed degree qualification can be added to your credentials.

If you are appointed as registrar between 1 January and 31 March of the relevant year, you will graduate at the December graduation ceremony directly preceding the completion of the specific four- or five-year prescribed training period, provided that you comply with all the academic requirements of the degree at that stage.

### Clinical experience

As a candidate for the MMed degree you must prove to the satisfaction of the University that:

- you have successfully held a full-time training position according to the requirements of the relevant department/division for a period of four or five years at Tygerberg Hospital, the Western Cape Department of Health and Wellness or another institution that the University deems equivalent.
- you have received theoretical, practical and clinical training as stipulated in the "Duration of programme" section above.
- you have successfully completed the single national exit examination of the Colleges of Medicine of South Africa (CMSA).

### Exemption

- With regard to the work mentioned in the "Duration of programme" and "Clinical experience" paragraphs above, the University may grant possible partial or full exemption based on comparable training received and experience gained at another recognised institution.
- With regard to prescribed modules as mentioned in the section "Programme content" at the various MMed programmes below, the University may grant possible partial or full exemption based on modules passed at another recognised institution.

### Continuation of study

- If you do not comply with the provisions relating to promotion of your specific MMed programme and you are denied the right to continue with your MMed studies, you must vacate your registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. This ruling also applies to registrars in supernumerary posts.
- Only in exceptional cases, and with the submission of an appropriate motivation and approval of the departmental programme committee concerned, and the Committee for Postgraduate Teaching and the Faculty Board of the Faculty of Medicine and Health Sciences, will you be allowed to register for the MMed programme once again.

### Single national exit examination

- To register as a specialist with the HPCSA you must successfully complete the single national exit examination in your specific field of study. This is an examination independent from that of the University and has an additional cost implication for you.
- It still remains the responsibility of the teaching department at the University to confirm the following:
  - successful completion of prescribed training time and flexible assessment;
  - completion of a research assignment according to the regulations of the University; and
  - submission of a completed case-book.

These assessment components may vary for the different MMed programmes.

### Programme description

The purpose of the qualification is to equip you as a basically qualified medical practitioner (with an MBChB or equivalent qualification) with specialised knowledge, as well as with the skills and attitudes required as a specialist in your chosen speciality, that at least agree with the requirements of the Health Professions Council of South Africa. This will enable you to function as an independent practitioner in the relevant field within any service-rendering and academic environment, by acquiring the knowledge, skills and attitudes to:

- deliver comprehensive healthcare in a conscientious manner to the patient as an individual and as a member of the community;
- develop the attitudes and abilities needed to become an independent learner and to accept the responsibility for continuous lifelong professional development, including the ability to critically evaluate and interpret the relevant literature and to apply it in the profession;
- plan, execute, interpret and publish research relevant to your chosen speciality;
- be able to move, if you so aspire, to the highest level of academic work for doctoral study and to promote an approach based on academic integrity and ethics; and

- contribute to the pool of academics and professionals with the competence and critical intellectual abilities to ensure the future advancement of your chosen speciality, and to make provision for the country's need for a skilled workforce of the highest quality and to ensure that the country remains competitive in an era of growing global competition.

## 5.3.1.22 MMed Haematological Pathology MMed (Haem Path)

### Specific admission requirements

This programme does not have specific admission requirements. The general admission requirements for MMed programmes as mentioned in section 5.3.1 above are applicable.

### Duration of programme

The programme extends over four years.

### Programme content

#### FIRST AND SECOND YEAR

Haematological Pathophysiology	875(45)
Immunology	875(25)
Molecular Pathology	875(10)
Research Methodology	873(10)

#### SECOND TO FOURTH YEAR

Blood Transfusion	812(60)
Haematological Pathology Part II	871(190)
Laboratory Management	875(10)
Good Laboratory Practice and Medical Ethics	875(10)
Research Assignment	829(120)

### Assessment and examination

- Assessment takes place according to the specifications of the College of Pathologists of South Africa.
- The first assessment is done by means of two written papers, which must be passed within the first 24 months.
- The second assessment is done by means of two written papers:
  - the first on haematological pathology and blood transfusion; and
  - the second on practical aspects of the main modules, good laboratory practice and laboratory management.
- Each paper counts 100 marks.

- Practical examinations cover blood transfusion practice, laboratory haematology, diagnostic microscopy of blood and bone marrow pathology and clinical cases.
- An oral examination is also conducted.
- You must pass each part of the assessment with a subminimum mark of 50%.
- The assignment must be presented in a prescribed format as a research paper, and will be assessed by both internal and external examiners.
- You must also submit a portfolio of evidence as part of flexible assessment before the degree can be awarded. Details of flexible assessment are provided in the study guide.
- The Health Professions Council of South Africa (HPCSA) requires that you successfully complete the single national exit examination to register as a specialist.
- The Division of Haematological Pathology acknowledges this examination as equivalent to and substituting the MMed (Haem Path) Part II examination.
- It, however, remains the responsibility of the head of the Division to confirm the following:
  - successful completion of clinical training time;
  - submission of a completed case-book;
  - successful completion of the assignment according to the regulations of the University in this regard; and
  - successful completion of flexible assessment.

## Enquiries

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## 5.3 Master's degrees

### 5.3.1 Master of Medicine

#### General admission and selection requirements for the MMed programmes

- The following apply to all MMed programmes:
  - For admission to the MMed degree programme, you must have held an MBChB degree from this University or another qualification considered as sufficient by this University for at least three years prior to application, and must be registered with the Health Professions Council of South Africa as medical practitioner in the category independent practice.
  - If you specialise in Anaesthesiology, Neurosurgery, Emergency Medicine, Otorhinolaryngology, Orthopaedics, and Plastic and Reconstructive Surgery, you must also have completed suitable courses such as ATLS (Advanced Trauma Life Support), ACLS (Advanced Cardiovascular Life Support), PALS (Paediatric Advanced Life Support) and APLS (Advanced Paediatric Life Support). Consult the specific requirements at each programme.
  - If you would like to register as an MMed student with the University, you must occupy a registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. Exceptions to this rule will be considered in the following instances:
    - where you register as an occasional student with the University (refer also to the section on admission as an occasional student in Part 1 (General Rules) of the Yearbook) with the sole purpose of attempting the primary subjects prior to registering as an MMed student and to obtaining a position as registrar; and
    - where you have completed your training time and you are only registering to complete your research assignment.
- If you apply for a training post at the Tygerberg Hospital, the Western Cape Provincial Department of Health and Wellness or another institution considered as equivalent by this University, you must make sure of the programme-specific recommendations which apply to your MMed programme. Direct any enquiries in this regard to the programme leader of your specific programme.

#### Application procedure and closing date

Apply in writing. Senate, or the Executive Committee acting on its behalf, will decide whether you are to be admitted to the MMed programme.

There is no specific closing date for applications. When a registrar post becomes vacant at the Western Cape Department of Health and Wellness, you apply for that position. If you are successful, you will then be admitted to the MMed programme.

#### Duration of programme

The training for the degree takes place over four or five years, depending on the requirements of the department/division under which your major subject falls. The term "major subject" refers to the recognised

area of Medicine in which you choose to specialise.

You must successfully complete the full prescribed training period to register as a specialist with the Health Professions Council of South Africa (HPCSA). The University will only then provide the HPCSA with signed Forms 19 and 57 confirming that an MMed degree qualification can be added to your credentials.

If you are appointed as registrar between 1 January and 31 March of the relevant year, you will graduate at the December graduation ceremony directly preceding the completion of the specific four- or five-year prescribed training period, provided that you comply with all the academic requirements of the degree at that stage.

### Clinical experience

As a candidate for the MMed degree you must prove to the satisfaction of the University that:

- you have successfully held a full-time training position according to the requirements of the relevant department/division for a period of four or five years at Tygerberg Hospital, the Western Cape Department of Health and Wellness or another institution that the University deems equivalent.
- you have received theoretical, practical and clinical training as stipulated in the "Duration of programme" section above.
- you have successfully completed the single national exit examination of the Colleges of Medicine of South Africa (CMSA).

### Exemption

- With regard to the work mentioned in the "Duration of programme" and "Clinical experience" paragraphs above, the University may grant possible partial or full exemption based on comparable training received and experience gained at another recognised institution.
- With regard to prescribed modules as mentioned in the section "Programme content" at the various MMed programmes below, the University may grant possible partial or full exemption based on modules passed at another recognised institution.

### Continuation of study

- If you do not comply with the provisions relating to promotion of your specific MMed programme and you are denied the right to continue with your MMed studies, you must vacate your registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. This ruling also applies to registrars in supernumerary posts.
- Only in exceptional cases, and with the submission of an appropriate motivation and approval of the departmental programme committee concerned, and the Committee for Postgraduate Teaching and the Faculty Board of the Faculty of Medicine and Health Sciences, will you be allowed to register for the MMed programme once again.

### Single national exit examination

- To register as a specialist with the HPCSA you must successfully complete the single national exit examination in your specific field of study. This is an examination independent from that of the University and has an additional cost implication for you.
- It still remains the responsibility of the teaching department at the University to confirm the following:
  - successful completion of prescribed training time and flexible assessment;
  - completion of a research assignment according to the regulations of the University; and
  - submission of a completed case-book.

These assessment components may vary for the different MMed programmes.

### Programme description

The purpose of the qualification is to equip you as a basically qualified medical practitioner (with an MBChB or equivalent qualification) with specialised knowledge, as well as with the skills and attitudes required as a specialist in your chosen speciality, that at least agree with the requirements of the Health Professions Council of South Africa. This will enable you to function as an independent practitioner in the relevant field within any service-rendering and academic environment, by acquiring the knowledge, skills and attitudes to:

- deliver comprehensive healthcare in a conscientious manner to the patient as an individual and as a member of the community;
- develop the attitudes and abilities needed to become an independent learner and to accept the responsibility for continuous lifelong professional development, including the ability to critically evaluate and interpret the relevant literature and to apply it in the profession;
- plan, execute, interpret and publish research relevant to your chosen speciality;
- be able to move, if you so aspire, to the highest level of academic work for doctoral study and to promote an approach based on academic integrity and ethics; and

- contribute to the pool of academics and professionals with the competence and critical intellectual abilities to ensure the future advancement of your chosen speciality, and to make provision for the country's need for a skilled workforce of the highest quality and to ensure that the country remains competitive in an era of growing global competition.



## 5.3.1.18 MMed Anatomical Pathology MMed (Anat Path)

### Specific admission requirements

In addition to the general admission requirements for MMed programmes outlined in section 5.3.1 of the "General admission and selection requirements for the MMed programmes", the following recommendations apply:

- Completion of the Pathology for non-Pathology disciplines module prior to application.
- For self-funded registrars:
  - Evidence of competence in academic English (e.g. IELTS – band 7).

### Duration of programme

The programme extends over a minimum of four years.

### Programme description

The programme comprises various components including:

- Applied Histology
- Cytopathology
- Good Laboratory Practice and Medical Ethics
- Laboratory Management
- Molecular Pathology
- Neuropathology
- Autopsy Techniques and Principles of Forensic Medicine
- Research Methodology
- Research Assignment

The programme includes six months' training in all aspects of cytopathology, comprehensive training in diagnostic surgical pathology, and the execution of autopsies. The academic training follows a structured didactic programme with regular formal assessments. The completion of a research assignment is compulsory to obtain the MMed degree.

### Programme content

All modules are compulsory.

Anatomical Pathology Part I	874(120)
Anatomical Pathology Part II	872(240)
Research Assignment	873(120)

### Assessment and examination

#### Part I

- This examination comprises the FC Path(SA) Anat Part I examination as stipulated in the regulations for admission to the Fellowship of the College of Pathologists of South Africa in Anatomical Pathology.
- You must pass the Part I examination within 24 months of commencement of service as registrar in Anatomical Pathology. If you fail to pass the Part I examination within 24 months, you will be excluded from further participation in the programme.
- In the event of exceptional circumstances and in response to an appropriate motivation, the Postgraduate Programme Committee of Anatomical Pathology will consider a recommendation to extend your training time on condition that you pass the Part I examination at the next opportunity. A final decision will rest with the Committee for Postgraduate Teaching of the Faculty of Medicine and Health Sciences and be in keeping with NHLS policy.

## Part II

- This examination comprises the FC Path(SA) Anat Part II examination as stipulated in the regulations for admission to the Fellowship of the College of Pathologists of South Africa in Anatomical Pathology.
- You may be admitted to the Part II examination having:
  - completed the FC Path(SA) Anat Part I examination;
  - completed at least three and a half years' training as an Anatomical Pathology registrar, including at least six months' full-time training in cytopathology;
  - achieved all the outcomes as indicated in the training portfolio of the College of Pathologists of South Africa in Anatomical Pathology; and
  - achieved all the outcomes as indicated in the relevant MMed (Anat Path) study guide, including completion of all the required components, satisfactory performance in the flexible assessments during the training period, and significant progress with the research assignment at the time of applying for admission to the examination.

## Research assignment

You must pass the research assignment according to the regulations of Stellenbosch University before the MMed degree is awarded.

## Final mark

The final mark is calculated as follows:

- MMed assignment – 25%; and
- FC Path(SA) Anat Part II examination – 75%.

## Enquiries

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## 5.3 Master's degrees

### 5.3.1 Master of Medicine

#### General admission and selection requirements for the MMed programmes

- The following apply to all MMed programmes:
  - For admission to the MMed degree programme, you must have held an MBChB degree from this University or another qualification considered as sufficient by this University for at least three years prior to application, and must be registered with the Health Professions Council of South Africa as medical practitioner in the category independent practice.
  - If you specialise in Anaesthesiology, Neurosurgery, Emergency Medicine, Otorhinolaryngology, Orthopaedics, and Plastic and Reconstructive Surgery, you must also have completed suitable courses such as ATLS (Advanced Trauma Life Support), ACLS (Advanced Cardiovascular Life Support), PALS (Paediatric Advanced Life Support) and APLS (Advanced Paediatric Life Support). Consult the specific requirements at each programme.
  - If you would like to register as an MMed student with the University, you must occupy a registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. Exceptions to this rule will be considered in the following instances:
    - where you register as an occasional student with the University (refer also to the section on admission as an occasional student in Part 1 (General Rules) of the Yearbook) with the sole purpose of attempting the primary subjects prior to registering as an MMed student and to obtaining a position as registrar; and
    - where you have completed your training time and you are only registering to complete your research assignment.
- If you apply for a training post at the Tygerberg Hospital, the Western Cape Provincial Department of Health and Wellness or another institution considered as equivalent by this University, you must make sure of the programme-specific recommendations which apply to your MMed programme. Direct any enquiries in this regard to the programme leader of your specific programme.

#### Application procedure and closing date

Apply in writing. Senate, or the Executive Committee acting on its behalf, will decide whether you are to be admitted to the MMed programme.

There is no specific closing date for applications. When a registrar post becomes vacant at the Western Cape Department of Health and Wellness, you apply for that position. If you are successful, you will then be admitted to the MMed programme.

#### Duration of programme

The training for the degree takes place over four or five years, depending on the requirements of the department/division under which your major subject falls. The term "major subject" refers to the recognised

area of Medicine in which you choose to specialise.

You must successfully complete the full prescribed training period to register as a specialist with the Health Professions Council of South Africa (HPCSA). The University will only then provide the HPCSA with signed Forms 19 and 57 confirming that an MMed degree qualification can be added to your credentials.

If you are appointed as registrar between 1 January and 31 March of the relevant year, you will graduate at the December graduation ceremony directly preceding the completion of the specific four- or five-year prescribed training period, provided that you comply with all the academic requirements of the degree at that stage.

### Clinical experience

As a candidate for the MMed degree you must prove to the satisfaction of the University that:

- you have successfully held a full-time training position according to the requirements of the relevant department/division for a period of four or five years at Tygerberg Hospital, the Western Cape Department of Health and Wellness or another institution that the University deems equivalent.
- you have received theoretical, practical and clinical training as stipulated in the "Duration of programme" section above.
- you have successfully completed the single national exit examination of the Colleges of Medicine of South Africa (CMSA).

### Exemption

- With regard to the work mentioned in the "Duration of programme" and "Clinical experience" paragraphs above, the University may grant possible partial or full exemption based on comparable training received and experience gained at another recognised institution.
- With regard to prescribed modules as mentioned in the section "Programme content" at the various MMed programmes below, the University may grant possible partial or full exemption based on modules passed at another recognised institution.

### Continuation of study

- If you do not comply with the provisions relating to promotion of your specific MMed programme and you are denied the right to continue with your MMed studies, you must vacate your registrar post with the Western Cape Provincial Department of Health and Wellness or the National Health Laboratory Services. This ruling also applies to registrars in supernumerary posts.
- Only in exceptional cases, and with the submission of an appropriate motivation and approval of the departmental programme committee concerned, and the Committee for Postgraduate Teaching and the Faculty Board of the Faculty of Medicine and Health Sciences, will you be allowed to register for the MMed programme once again.

### Single national exit examination

- To register as a specialist with the HPCSA you must successfully complete the single national exit examination in your specific field of study. This is an examination independent from that of the University and has an additional cost implication for you.
- It still remains the responsibility of the teaching department at the University to confirm the following:
  - successful completion of prescribed training time and flexible assessment;
  - completion of a research assignment according to the regulations of the University; and
  - submission of a completed case-book.

These assessment components may vary for the different MMed programmes.

### Programme description

The purpose of the qualification is to equip you as a basically qualified medical practitioner (with an MBChB or equivalent qualification) with specialised knowledge, as well as with the skills and attitudes required as a specialist in your chosen speciality, that at least agree with the requirements of the Health Professions Council of South Africa. This will enable you to function as an independent practitioner in the relevant field within any service-rendering and academic environment, by acquiring the knowledge, skills and attitudes to:

- deliver comprehensive healthcare in a conscientious manner to the patient as an individual and as a member of the community;
- develop the attitudes and abilities needed to become an independent learner and to accept the responsibility for continuous lifelong professional development, including the ability to critically evaluate and interpret the relevant literature and to apply it in the profession;
- plan, execute, interpret and publish research relevant to your chosen speciality;
- be able to move, if you so aspire, to the highest level of academic work for doctoral study and to promote an approach based on academic integrity and ethics; and

- contribute to the pool of academics and professionals with the competence and critical intellectual abilities to ensure the future advancement of your chosen speciality, and to make provision for the country's need for a skilled workforce of the highest quality and to ensure that the country remains competitive in an era of growing global competition.

## Disclaimer:

The content above comes from the 2024 Medicine and Health Sciences Yearbook. Make sure to consult the full **Medicine and Health Sciences Yearbook** to see this extract in context and to check if there have been any changes. Take special note of additional information in the yearbook under section *Postgraduate programmes*.