

# 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) |
|---|---------|

##### *Section II*

|  |         |
|--|---------|
| Enzymes, proteins, tumour markers and inherited metabolic diseases | 843(65) |
|--|---------|

##### *Section III*

|               |         |
|---------------|---------|
| Endocrinology | 872(65) |
|---------------|---------|

##### *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 opportunities to attempt the FC Path(SA) Chem Part I examination.
- You may attempt the first opportunity after 12 months of commencement of the programme, but not later than 18 months.
- If you have not successfully completed the Part I examination within 24 months of commencement of the programme, you will be excluded from the rest of the programme.

## Part II

- The 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.
- 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 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 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.
- There are three opportunities to write the FC Path(SA) Chem Part II examination.
- You must attempt the first opportunity at the FC Path(SA) Chem Part II examination not 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) 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 assignment within the maximum training period of five years of study, you may be excluded from attendance of the rest of the programme.

## Assignment

- The assignment must be presented in the prescribed format and be approved by internal and external examiners.
- The final mark is 100 (weight = 120 credits).

## Final mark

- The Part II examination will contribute 75% to the final mark and the assignment 25%.
- You must submit a portfolio of evidence as part of flexible assessment before the degree can be awarded.

## Enquiries

Programme coordinator: Prof AE Zemlin

Tel: 021 938 4107 E-mail: [azemlin@sun.ac.za](mailto:azemlin@sun.ac.za)