University of Pretoria Yearbook 2016

MMed Neurosurgery (10250191)

Duration of study	5 years
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Programme information

Please note:

i. All MMed students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily, preferably during the intermediate phase/ after completion of Part 1 and before sitting for Part 2 of the MMed.
ii. All MMed students must submit a dissertation (MMS 800) which must be assessed as satisfactory by an external examiner, or a research article that has been accepted for publication in a subsidised periodical. The student must be the first author of the article. An ordinary literature review will not be accepted.The research proposal must be approved by the MMed Protocol Committee prior to the intermediate exam (surgical disciplines) or otherwise within two years of enrolment (other disciplines). It is in the best interest of the candidate to complete the research component prior to the exit exam and if not possible, preferably to postpone the exam. If the exam is to be written in Semester 2 of the 4th year the dissertation should be submitted 1 September of the 4th year. If this is not the case, the supervisor should complete and sign the necessary documentation, stipulating that the candidate will complete the project within the next 3 to 6 months. The dissertation must be submitted prior to the taking of the CMSA fellowship examination.
iii. A systematic literature review (Cochrane type) on an approved subject, which is undertaken in such a manner that bias is minimised, may be presented as an alternative to the dissertation for awarding the MMed (Public Health Medicine) degree, It requires, inter alia, a protocol with clearly formulated objectives and methods. Inclusion and exclusion methods for the study must be determined. Where applicable, the data must be summarised (meta analysis), with applicable statistical methods. This alternative is in special cases applicable to other MMed degrees.

Registrarship:

- Inquire at the Head of Department regarding the availability of registrarships for the specialisation Medical Oncology.
- Inquire at the Head of the Department of Family Medicine regarding the availibility of registrarships for the specialisation Emergency Medicine.

Each student must prove to the University that he or she

i. has successfully filled the required full-time training post for a period of four or five years according to the requirements of the department in question at the Steve Biko Academic Hospital, Tshwane Academic Division of the NHLS (in case of pathology registrars) or Kalafong Hospital or at an institution recognised by the University as equivalent;
ii. has completed the theoretical, practical, clinical and applicable training as stipulated;
iii. has passed the prescribed written, oral, practical and/or clinical university examinations, and
iv. has successfully completed the research component of the degree.

Admission requirements

A prospective student for the MMed degree programme must be in possession of the MBChB degree of this University or a qualification deemed by the University to be equivalent to the MBChB degree for at least two years. In addition such a student must be registered as a physician with the Health Professions Council of South Africa for at least one year.

Other programme-specific information

"Major subject" refers to the recognised field of study in Medicine in which the student specialises. The study of the major subject extends over four or five years, as prescribed by the department in question.

Examinations and pass requirements

i. The sequence of the examinations in the prerequisite subjects will be determined by the head of the department under which the major subject falls.
ii. The nature, duration and time of the examinations in the prerequisite subjects are determined in cooperation with the heads of the departments under which the prerequisite subjects fall – with the proviso that, except in cases where stipulated otherwise, the examinations in the prerequisite subjects may be held at any time prior to or concurrently with the major subject. The examinations in the major subjects are held as follows:
iii. In the case of four-year programmes: not before the end of the third year.
iv. In the case of five-year programmes: not before the end of the fourth year.
v. A minimum final mark of 50% is required by all departments to pass in a subject and in the clinical section of the examination, a subminimum of 50%. General Regulations apply.
vi. A student is not admitted to the examination in a prerequisite subject (second examinations excluded) more than twice, nor is he or she admitted to the examination in the major subject more than twice.

Note: Certificates of satisfactory preparation and progress are required in respect of the fourth year of four-year programmes in which an examination is held at the end of the third year.

Second examinations

Second examinations for MMed students will only be held after at least six months have elapsed since the conclusion of the examination in which the student had failed.

Rules governing the writing of the examinations of the College of Medicine of South Africa [CMSA]

i. Only candidates who have met all requirements for the MMed degree except for the major subject (final examination), i.e. passed all prerequisite subjects (the latter to be interchangeable; can be passed either at the University or as primary and intermediary examinations at the College of Medicine of South Africa [CMSA], completed all practical, clinical and applicable training of four or five years as prescribed by the relevant academic department (continuous evaluation of the candidate, in an approved registrar post, by the Head of department of the candidate); and completed the required research component for the degree in accordance with the Faculty Yearbook regulations, i.e. Applied research methodology 800 (TNM 800) and the dissertation (MMS 800) or an article (not an ordinary literature review) that has been accepted for publication in a subsidised periodical, will be allowed to write the college examination (exit examination), after which they will obtain both the CMSA fellowship and the MMed as specialist qualifications.
ii. The rules have been effective as from 1 January 2011. As a transitional measure, cases will be considered on an individual basis where necessary.

Exemption

Exemption

i. The Faculty Board may grant partial exemption from the training and work mentioned under par. (b) and (c)(i) and (ii) above on the grounds of comparable training and experience completed in another post or at another recognised institution – with the proviso that exemption from a maximum period of 18 months may be granted with regard to four-year and five-year programmes.
ii. Exemption from a maximum of three years may be granted by the Department of Medical Oncology for the MMed in Medical Oncology [MMed(MedOnc)] on the grounds of the MMed(Int) or MMed(Paed) degree of this University, or experience recognised by the University as equivalent.
iii. Specific prerequisite subjects must be passed within 24 months after commencement of the programme.
iv. Exemption from a maximum of two years' clinical training may be granted in the Department of Forensic Medicine in respect of the MMed(Path) degree with specialisation Forensic Pathology, to a candidate already in possession of an MMed degree (or a degree deemed equivalent by the University) with specialisation in Anatomical Pathology.

Pass with distinction

The degree is conferred at the end of the prescribed training period (i.e. three, four or five years, respectively). The degree is conferred with distinction on a student who has obtained a final mark of at least 75% in his or her major subject.

General information

Registrars

Departments expect registrars to participate increasingly in the examining and treatment of patients in the hospital, both in-patients and out-patients, as well as performing and interpreting tests in the laboratory (where applicable); initially under supervision and later increasingly at their own responsibility. Lectures/symposia with closely related departments are organised, as well as discussions of literature, etc.

Curriculum: Year 1

Minimum credits: 161

Core modules

Anatomy 894 (ANA 894)

Module credits	36.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 discussion class per week
Language of tuition	Double Medium
Academic organisation	Anatomy
Period of presentation	Year

Anatomical pathology 875 (ANP 875)

Module credits	36.00
Prerequisites	No prerequisites.
Contact time	1 discussion class per week
Language of tuition	Both Afr and Eng
Academic organisation	Anatomical Pathology
Period of presentation	Year

Principles of surgery 801 (BVC 801)

Module credits	36.00
Prerequisites	No prerequisites.
Language of tuition	Double Medium
Academic organisation	Surgery
Period of presentation	Year

Physiology 801 (FSG 801)

Module credits	36.00
Prerequisites	No prerequisites.
Language of tuition	Double Medium
Academic organisation	Physiology
Period of presentation	Year

Curriculum: Year 2

Minimum credits: 300

Core modules

Anatomy 894 (ANA 894)

Module credits	36.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 discussion class per week
Language of tuition	Double Medium
Academic organisation	Anatomy
Period of presentation	Year

Anatomical pathology 875 (ANP 875)

Module credits	36.00
Prerequisites	No prerequisites.
Contact time	1 discussion class per week
Language of tuition	Both Afr and Eng
Academic organisation	Anatomical Pathology
Period of presentation	Year

Principles of surgery 801 (BVC 801)

Module credits	36.00
Prerequisites	No prerequisites.
Language of tuition	Double Medium
Academic organisation	Surgery
Period of presentation	Year

Physiology 801 (FSG 801)

Module credits	36.00
Prerequisites	No prerequisites.
Language of tuition	Double Medium
Academic organisation	Physiology
Period of presentation	Year

Curriculum: Year 3

Minimum credits: 161

Core modules

MMed: Essay 800 (MMS 800)

Module credits	12.00
Prerequisites	No prerequisites.
Language of tuition	Both Afr and Eng
Academic organisation	Health Sciences Dean's Office
Period of presentation	Semester 1

Applied research methodology 800 (TNM 800)

Module credits	5.00
Prerequisites	BOS 870
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Module content

*Attendance module only

Curriculum: Year 4

Minimum credits: 161

Core modules

MMed: Essay 800 (MMS 800)

Module credits	12.00
Prerequisites	No prerequisites.
Language of tuition	Both Afr and Eng
Academic organisation	Health Sciences Dean's Office
Period of presentation	Semester 1

Applied research methodology 800 (TNM 800)

Module credits	5.00
Prerequisites	BOS 870
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Module content

*Attendance module only

Curriculum: Final year

Minimum credits: 161

Core modules

MMed: Essay 800 (MMS 800)

Module credits	12.00
Prerequisites	No prerequisites.
Language of tuition	Both Afr and Eng
Academic organisation	Health Sciences Dean's Office
Period of presentation	Semester 1

Neurosurgery 800 (NCR 800)

Module credits	300.00
Prerequisites	ANA 894, FSG 801, ANP 875, BVC 801
Contact time	2 seminars per week, 1 practical per week, 3 discussion classes per week
Language of tuition	Both Afr and Eng
Academic organisation	Neurosurgery
Period of presentation	Year

Applied research methodology 800 (TNM 800)

Module credits	5.00
Prerequisites	BOS 870
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Module content

*Attendance module only

The information published here is subject to change and may be amended after the publication of this information. The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.