

**THE UNIVERSITY OF THE FREE STATE**

**FACULTY OF HEALTH SCIENCES**

**YEARBOOK**

**SCHOOL OF MEDICINE  
FIRST DEGREES AND DIPLOMAS**

**2009**



**DEAN: PROF LM MOJA  
FACULTY OF HEALTH SCIENCES  
ROOM D202  
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***Please retain this yearbook for the remainder of your study period, as this will apply to you until you have completed your studies.***

## CONTACT PERSONS

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If you have queries regarding any of the undergraduate programmes in the School of Medicine, you may contact one of the following persons:

### **ENQUIRIES REGARDING: Application forms Selection forms**

Liaison officer  
UFS Marketing  
University of the Free State  
PO Box 339  
Bloemfontein  
9300

Tel: (051) 401 3000  
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E-mail: [info.stg@ufs.ac.za](mailto:info.stg@ufs.ac.za)

### **ENQUIRIES REGARDING: Admission requirements Registration General Selection**

Faculty Officer  
Internal Box G40  
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University of the Free State  
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### **ENQUIRIES REGARDING: Curriculum**

Programme Director  
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| <p><b>Please note: Please indicate your student number on all correspondence to the University</b></p> |
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# ACADEMIC STAFF

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\* DENOTES HEADS OF DEPARTMENTS / PROGRAMMES

## **DEANS OFFICE**

DEAN:

Prof. LM Moja

VICE DEAN:

Vacant

DIVISION FOR HEALTH SCIENCES EDUCATION

\*Prof MM Nel, dr AA Beylefeld, dr J Bezuidenhout, mev MP Jama

## **SCHOOL OF MEDICINE**

HEAD: Prof GJ van Zyl

DIVISION OF MEDICAL PROGRAMME MANAGEMENT AND CONTINUING PROFESSIONAL DEVELOPMENT

\*Prof PPC Nel, Mr AP Hugo, Ms C de Waal, Mr A Macdonald

ANAESTHESIOLOGY

\*Prof BJS Diedericks, prof AM Kachelhoffer, prof CL Odendaal, prof A Kuhn, dr WP König, dr G Lamacraft, dr AA Jacobs, dr M Reyneke, dr S Schoeman, dr MG Senekal, dr JH Strydom, dr EW Turton, dr J van der Westhuizen

ANATOMICAL PATHOLOGY

\*Prof BD Middlecote, prof CA Beukes, dr C Esterhuysen, dr J van der Merwe, dr J Goedhals, dr VA Yasbek, Mrs MN Schemel

BASIC MEDICAL SCIENCES

\*Dr S van Zyl, prof A Crous, prof HJ van der Spuy, dr HC de Villiers, dr AM Gerber, Dr HJ Geyer, dr CO Larson, dr A Mostert, dr D Raubenheimer, dr S Smith, dr LJ van der Merwe, dr C Vorster, Ms Y Benadé, Ms JC Correia, Mr AEF Gous, Mrs A Nel, Mr SJ Notuku, Mr SJ Phenethe, Mr A Pono, Mr JL Steyl, Ms PC Vorster, Mr GJ van Zyl

BIostatISTICS

\*Prof G Joubert, dr JE Raubenheimer, Ms M Nel, Mr FC van Rooyen

CARDIOLOGY

\*Prof JD Marx, prof H du T Theron, dr AJ Barnard, dr EM Makotoko, dr MG Milela, dr JH Steyn, dr JP Theron

CARDIOTHORACIC SURGERY

\*Prof FE Smit, prof WJ de Vries, dr MA Long, dr L Botes, Mr JJ van den Heever

CHEMICAL PATHOLOGY

\*Dr HJ van Wyk, prof JM Kuyl, prof H van der Jaarsveld, dr AJ Groenewald

## COMMUNITY HEALTH

\*Prof WH Kruger, dr Chandran, dr P Chikobvu, dr BD de Klerk, dr S de W Oosthuisen, dr A de la Querra, Mrs LE Nophale

## CRITICAL CARE

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## DERMATOLOGY

\*Prof W Sinclair, Dr BB Adamjee

## DIAGNOSTIC RADIOLOGY

\*Prof CS de Vries, dr M Africa, dr SH Botha, dr FA Gebremariam, dr J Janse van Rensburg, dr E Loggenberg, dr M Naudé, dr SF Otto, dr HF Potgieter, Mrs C Meyer

## FAMILY MEDICINE

\*Dr WJ Steinberg (acting), dr C Boltman, dr H Dippenaar, dr TE Kellerman, dr J Myburg, dr WJ Rabie, dr JP van Rooyen, dr SIN Yiga

## FORENSIC MEDICINE

\*Prof JBC Botha, dr RG Book, dr HB Burba, dr L Fouché, dr K Stark

## HAEMATOLOGY AND CELL BIOLOGY

\*Prof PN Badenhorst, prof SM Meiring, prof CD Viljoen, dr MJ Coetzee, dr A de Kock, dr D Jafta, dr L Pretorius

## INTERNAL MEDICINE

\*Prof WF Mollentze, prof H de K Grundling, prof BW Jansen van Rensburg, prof VJ Louw, prof JH van Zyl, dr DJ Bouwer, dr R Flooks, dr WF Grant, dr BJ Janse van Rensburg, dr R Kachovska, dr JMM Koning, dr PF Macdonald, dr TRP Mofokeng, dr JM Nel, dr WSJ Otto, dr M Prins, dr GJ Rossouw, dr D Steyn, dr F Pienaar, dr Nhiwatiwa, dr W de Lange, dr S Joubert, dr D Khutsoane, dr C Nel, dr N Ramonate, dr C van Vuuren, dr N van Zyl, dr M Webb

## MEDICAL MICROBIOLOGY

\*Dr L Badenhorst (acting), prof F Burt, prof AM Pretorius, dr D Goedhals, dr JA le Roux, dr M Pieters, dr J Roodt, dr I Rossouw, me A van der Spoel van Dijk, mnr PM Makhoahle

## MEDICAL PHYSICS

\*Prof A van Aswegen, prof CP Herbst, prof CA Willemse, prof H du Raan, dr FCP du Plessis, dr WID Rae, Mr W Shaw, Mr JA van Staden, Ms FHJ O' Reilly, Ms SNN Acho

## NEUROLOGY

\*Prof AJ Kruger, dr E Janse van Rensburg, dr L Smit

*Division of Human Genetics*

\*prof M Theron, dr BD Henderson, dr NC van der Merwe

## NEUROSURGERY

\*Dr PG Lewis (acting), dr VB Stellenberg

## NUCLEAR MEDICINE

\*Prof AC Otto, dr MG Nel

## OBSTETRICS AND GYNAECOLOGY

\*Prof HS Cronjé, prof BF Cooreman, prof PH Wessels, dr SSF Brand, dr JBF Cilliers, dr T Masia, dr EW Henn, dr JD Nortjé, dr MS Pretorius, dr L Smith

## ONCOTHERAPY

\*Dr AC Bester (acting), dr MC Botha, dr MP Kahl, dr A Sheriff, dr M Kruger, dr MJ Strydom, Ms AS Zerwick, Mrs SC Rossouw

## OPHTHALMOLOGY

\*Prof AA Stulting, dr MJ Labuschagne, dr WJ Marais

## ORTHOPAEDICS

\*Prof JA Shipley, dr FP du Plessis, dr PB Erasmus, dr CJ Joubert, dr DH Odendaal, dr JPJ Smit, dr R Steyn, dr JF van der Merwe, dr EM Visser, dr PA van Aardt

## OTORHINOLARYNGOLOGY

\*Prof AJ Claassen, prof L de K Louw, dr T Erasmus, dr J Grobbelaar, dr RY Seedat, dr I Butler

## PAEDIATRICS AND CHILD HEALTH

\*Prof A Venter, prof SC Brown, prof BB Hoek, dr F Babst, dr AD Bruwer, dr DG Buys, dr JC Cronje, dr JP du Plessis, dr DJ Griessel, dr U Hallbauer, dr BD Henderson, dr AE Kappos, dr WF Karshagen, dr L Keet, dr J Kriel, dr K Rautenbach, dr A Nel, dr L Solomon, dr A van der Byl, dr AE van der Vyver

## PHARMACOLOGY

\*Prof A Walubo, dr PM van Zyl, dr JB du Plessis, dr CM Smith, dr AA van der Horst, dr PJ van der Merwe, dr MFPC van Jaarsveld, Ms R van Wyk, Mrs Z Bekker

## PLASTIC AND RECONSTRUCTIVE SURGERY

\*Prof JF Jooste

## PSYCHIATRY

\*Prof PJ Pretorius, prof FJW Calitz, dr M du Toit, dr TE Kathunzi, dr W Meintjes, dr H Mngomezulu, dr G Moroe, dr NL Mosotho, dr RJ Nichol, dr LM van der Merwe, dr S Maduna, dr J van den Berg, me L van Zyl

## SKILLS UNIT

\*Dr L de Bruyn, Dr JF Lombaard

## SURGERY

\*Prof RS du Toit, prof R Barry, dr RG Botha, dr PJ de Bruyn, dr CE Esterhuizen, dr SM le Grange, dr CA Loubser, dr E Mafana, dr AMH Pretorius, dr RM Smal, dr SJA Smit, dr ME Mosese, dr JB Yiga, dr AMA Bhayat

## UROLOGY

\*Prof SW Wentzel, Dr FM Claassen

# DEFINITIONS

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To ensure clearness and uniform interpretation, the meanings of the terms used in the Regulations of the Faculty are defined as follows:

## ***Admission mark***

The year, semester or module mark applicable to the admission requirement for end-assessment in the module.

## ***Assessor***

The lecturer responsible for a particular module and draws up the questions and marks the assessment scripts, or who assesses performance in oral assessments and/or practical assessments.

## ***Assessment***

This is the process whereby the competency level of students is determined and should be performed through a variety of assessment methods, over a period of time and in a variety of contexts.

## ***Assessment period***

The period at the end of each semester, as indicated in the university calendar, during which assessments are conducted.

## ***Additional modules***

Additional modules are those modules that are taken in addition to the minimum number of modules required for a particular qualification.

## ***Combined mark***

The calculated average of the semester mark/module mark/year mark and assessment mark, rounded off to a full percentage point.

## ***Continuation module***

The continuation module concerned serves as preparatory study for the following study year. The final mark obtained in a continuation module is transferred to the following study year. There are no pass requirements in respect of a continuation module.

## ***Continuous assessment***

Continuous assessment forms part of the overall process of assessment in a module and refers to progress-based assessment by means of a variety of assessment methods.

## ***Curriculum***

A curriculum consists of a specific selection of related modules from various disciplines, in which students must achieve the stated learning outcomes within a specified period and the said modules form part of the learning programme.

## ***Discipline***

A specialised and defined field of study.

***End-assessment (summative assessment):***

End-assessment is summative in nature and directed at determining whether the student has achieved the required level of competence as stated in the learning outcomes. End-assessment is aimed at integrating the various components of the particular module.

***Assessment mark***

The mark or combined mark earned during an assessment in a paper or papers that are used in assessing a module.

***Assessment paper***

A form of assessment that consists of a set of questions, in oral and/or written format, on a module(s) or parts thereof, which students have to respond to during an assessment opportunity.

***External assessor***

A person who is not in the permanent employ of the University but who assesses assessment scripts or who assesses oral assessments and/or practical assessments. (In the case of re-assessment of assessment scripts, this person acts as an arbitrator).

***External assessment***

The term external assessment refers to external examining and/or external moderation and/or external assessment of standards, and should occur at least every five years.

***External moderator***

A person who is not in the permanent employ of the university and who ensures that assessment is performed in accordance with stipulated learning outcomes and who has to establish whether the required level of competence has been achieved.

***Failed module***

The phrase 'failed module' refers to a module in which the student has failed.

***Final mark***

The combined mark when the module mark and the assessment mark are added, and then rounded off to a full percentage point.

***Half-year mark***

The calculated average of a student's written, oral and/or practical work during the semester in a particular module, rounded off to a percentage point and calculated in accordance with the stipulations of the faculty concerned.

***Internal moderator***

A person who is in the permanent employ of the university and who ensures that assessment is performed in accordance with stipulated learning outcomes and who has to establish whether the required level of competence has been achieved.

***Learning outcomes***

A learning outcome refers to the contextually demonstrated end product of the learning process. An exit-level outcome refers to an outcome that must be achieved by the qualifying student at the stage when he or she exits from the learning programme and is then awarded the qualification concerned. A specific learning outcome is contextually demonstrated knowledge, skills and values that support one or more critical outcomes and represents a particularisation of the exit-level outcomes.



### ***Learning programme***

A learning programme refers to the structure for cumulative learning that a student is required to successfully complete in mastering the exit-level outcomes of a qualification. This structure consists of a related combination of modules/learning units, expressed in an outcomes-based format, and which have an academic and/or professional/career-related focus. Students may access the learning programme at various points or levels; moreover, students may also exit the learning programme at meaningful points or levels.

### ***Major modules***

Modules the student passed on the highest level in a particular curriculum or modules indicated as being major modules by the faculty regulation concerned.

### ***Mini-dissertation***

A scientific document produced by a student where the scope of the text is less than that of a dissertation or a thesis.

### ***Module***

A module is a coherent, self-contained learning unit, which has been designed to achieve a specific set of learning outcomes. In a modular degree structure, a module has a standard size, and assigned weighting and level in the learning programme. A module may take on a fundamental, core and elective function in a learning programme.

### ***Module mark***

The calculated mark, rounded off to a percentage and whole number, for a student's written, oral and/or practical work in a particular module, and calculated in accordance with the stipulations in the study guide for the relevant module.

### ***Notional learning hours***

Notional learning hours denote an informed estimate of the average learning time that an average student will devote to achieving the expected learning outcome(s). Such learning time includes contact time, practical work, independent and supervised study as well as the time required for assessment. One credit equals ten notional hours.

### ***Occasional student***

A student who complies with the admission requirements of the University and who enrolls for modules forming part of approved qualifications, but who does not register for the full qualification.

### ***Promotional module***

A promotional module is presented over a period of one year, following which students sit for an end-assessment. Over and above other pass requirements a student must fulfil particular promotional requirements to be promoted to the next study year.

### ***Programme***

A programme refers to the overall focus of the various learning programmes that constitute the programme. A programme is the academic particularisation of one or more of the strategic focuses of the UFS.

**Qualification**

In an outcomes-based approach, a qualification refers to the certification of the achieved learning outcomes of a learning programme, expressed as an accumulation of credits at specific levels. A qualification represents the demonstrate performance of a student in a planned and goal-directed combination of learning outcomes, which are directed at equipping students with applied competence and a foundation for further learning.

**Recipients of certificates and diplomas/graduates**

A student who complies with the minimum requirements of the particular qualification and where, after assessment, it is certified that the student has achieved the required level of competence for the said qualification.

**Registration**

An annual contractual agreement entered into by the university and the student in terms of prescribed procedures.

**Semester Guide**

A guide that organises certain aspects with regard to modules. The dates in the guide may change according to revisions effected by the Executive Management, UFS Calendar and/of the Management of the School of Medicine.

**Semester system**

This implies that the academic year will be divided into two independent semesters, and assessment conducted at the end of each semester.

**Semester mark**

The calculated average of a student's written, oral and/or practical work during the semester in a particular module, rounded off to a full percentage point and calculated in accordance with the stipulations of the faculty concerned.

**Statute**

The statute of the University of the Free State, as amended and promulgated in accordance with section 32 of the Higher Education Act, 1997 (Act 101 of 1997 as amended), which is, in terms of the provisions of section 33 of the said Act, published with the approval of the Minister of Education.

**Syllabus**

A grouping of learning material of a specific module methodically spread over the semesters/years.

**Year mark**

The calculated average of a student's written, oral and/or practical work during the year in a particular module, rounded off to a percentage point, calculated according to the stipulations of the faculty concerned.

## DEGREE PROGRAMMES

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Besides degrees and diplomas the University may introduce in the future, the following degrees programmes can be obtained in the Faculty of Health Sciences:

| <b>Degree</b>  | <b>Abbreviation of Degree</b>          | <b>Minimum duration</b> | <b>Code</b> |
|--|--|-------------------------|-------------|
| Bachelor of Medicine and<br>Bachelor of Surgery<br>(Programme for Professional Medicine)<br>(old curriculum) .....                                     | M.B.,Ch.B. ....                        | 5 yrs .....             | 8370        |
| Bachelor of Medicine and<br>Bachelor of Surgery<br>(Programme for Professional Medicine)<br>(new curriculum for 1 <sup>st</sup> years from 2007) ..... | M.B.,Ch.B. ....                        | 5 yrs .....             | 8371        |
| Baccalaureus in Medical<br>Sciences (Radiation Sciences) .....   | B.Med.Sc.<br>(Radiation Sciences) .... | 3 yrs .....             | 8302        |

# GENERAL ORIENTATION

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Although the information in the Yearbook has been compiled as accurately as possible, the Council and the Senate accept no responsibility for any inaccuracies that might occur.

The General Regulations of the University, revised where necessary, are applicable to this Faculty.

It is the sole responsibility of the student to familiarise him/herself with the general/faculty regulations. A number of regulations apply to the various degrees and options.

Three sets of regulations are applicable:

- A. *General Regulations*** of the University applicable to all Faculties and consequently to the qualifications and programmes of this School as well. Unless otherwise specified, the general regulation regarding Baccalaureus degrees applies to the degrees set forth below.

The General regulations are available in Part I of the University Yearbook, available at the UFS-SASOL Library, and deal with important issues such as the following:

- Admission to the University, degree and diploma studies, and occasional study (separate modules).
- Registration as a student, module adjustments, simultaneous registration, module compilation, duration of study, prerequisites, recognition of modules passed at another institution, etc.
- Degrees with honours, re-admission and preventing students from continuing, re-assessment, special assessment, examination hall rules, misreading of examination timetable, results and mark sheets, etc.

The assessment and other regulations applicable to you are summarised in the regulations below.

- B. *Faculty Regulations***, specifically applicable to degrees and programmes offered in this School, and set forth in this publication.
- C. *Regulations regarding the profession*** (where necessary included in the text below).

# REGULATIONS

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*The regulations with regard to the undergraduate qualifications and study programmes in the School of Medicine are further explained below.*

*The pass requirements for modules, clinical residencies, integrated assessments, special study module scripts, the elective report and the report on community work are set out in the module documents of Phase I, Phase II and Phase III.*

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## **PROGRAMME FOR PROFESSIONAL MEDICINE: MEDICINAE BACCALAUREUS and CHIRURGIAE BACCALAUREUS**

**M.B.,Ch.B. (Programme for Professional Medicine)**

**Study Code: 8370**

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**Reg. M1: REGULATIONS FOR THE PROGRAMME FOR PROFESSIONAL MEDICINE MEDICINAE BACCALAUREUS AND CHIRURGIAE BACCALAUREUS**

**This programme applies only to those students who have registered for it before 2007. The programme 8371 applies to students who register from 2007 onwards.**

### **Reg. M1.1 REGISTRATION AS STUDENT**

The registration programme will be announced in writing to the students. Students must register annually.

The student is expected to make all the prescribed payments before reporting for registration. Payment may occur at any post office or branch of ABSA Bank in the country. The details of the University account to be debited with the said payment are as follows: Account number: 1570 151688; Branch code: 630-734 – ABSA Bank (New Student Centre-Branch). State 100 + your student number as a reference. **From 2009 only fourth- and fifth year MBChB students will be registered for the study code 8370.**

### **Reg. M1.2 DURATION OF THE PROGRAMME**

The minimum length of time required to obtain the M.B.,Ch.B. degree is five years of full-time study.

### **Reg. M1.3 REGISTRATION AS STUDENT IN MEDICINE WITH THE HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA**

Every student in Medicine is under obligation to register with the Health Professions Council of South Africa as a student in Medicine. Students will be advised by the University when such registration should occur.

*Comment:* The complete set of rules and regulations concerning registration with the Health Professions Council of South Africa as a student in Medicine is available for perusal at the office of the Director: Faculty Administration.

### **Reg. M1.4 THE PROGRAMME**

The programme is divided into three phases. Phase I is offered during the first year of study, Phase II during years two and three, and Phase III during the fourth and fifth years of study. During Phases I and II the contents are arranged in thematic or system-based modules. Phase III is devoted to Clinical Medicine.

## DIAGRAMMATICAL REPRESENTATION OF THE STRUCTURE OF THE PROGRAMME 8370

| PHASE I   |   | PHASE II  |   |  |   | PHASE III   |   |   |   |
|---|---|---|---|--|---|---|---|---|---|
| Year 1 (128C)   |   | Year 2 (144C)   |   | Year 3 (184C)                                      |   | Year 4 (200C)   | Year 5 (200C)   |   |   |
| Sem 1   | Sem 2   | Sem 3   | Sem 4   | Sem 5  | Sem 6   | Sem 7 & 8   | Sem 9 & 10  |   |   |
| Health Psychology<br>MEB113<br><b>12C</b>                     | Health Policy and Service Provision<br>MEG123<br><b>12C</b> | Principles of therapy and imaging<br>MFN214<br><b>16C</b>   | <b>Special study module** GSM211 (4C) and GSM221 (4C) (2 WEEKS)</b> | Urinary system<br>GUS224<br><b>16C</b>             | Gastrointestinal system<br>MEU314<br><b>16C</b>           | Human diversity<br>MEZ324<br><b>16C</b>                       | <b>Compulsory residency with an approved general practitioner – 2w 8C<br/>(electives) 2 weeks</b> | Internal Medicine<br>[Cardiology/Neurology]<br>INM419/429 9w<br><b>44C</b><br><br>Surgery<br>CHM519/529 9w<br><b>56C</b><br><br>Child Health & Psychiatry<br>PEM517/527 6w<br><b>28C</b><br><br>Gynaecology & Urology<br>GOB517/527 6w<br><b>28C</b><br><br>Family Medicine & Anaesthesiology<br>HAN518/528 6w<br><b>32C</b><br><br><b>EXAM MODULES</b><br><br>INM592 <b>8K</b><br>CHM592 <b>8K</b><br>PEM591 <b>4K</b><br>GOB591 <b>4K</b><br>OSM591 <b>4K</b> |   |
| The doctor and his environment<br>MEC113<br><b>12C</b>        | Epidemiology and Biostatistics<br>MEH123<br><b>12C</b>      | Musculoskeletal System<br>MEO214<br><b>16C</b>  |   | Immunology and Haematology<br>MEQ224<br><b>16C</b> | Health and disease in populations<br>MEX314<br><b>16C</b> | Human life cycle<br>MAE324<br><b>16C</b>                      |   |   | Internal Medicine<br>[Cardiology/Neurology]<br>INM419/429 9w<br><b>52C</b><br><br>Surgery<br>[Otorhinolaryngology/Ophthalmology]<br>CHM419/429 9w<br><b>48C</b><br><br>Paediatrics<br>PEM418/428 6w<br><b>32C</b><br><br>Obstetrics & Gynaecology<br>GOB418/428 6w<br><b>32C</b><br><br>Psychiatry[Oncology]<br>OSM418/428 6w<br><b>36C</b> |
| Concepts of Health and Disease<br>MED113<br><b>12C</b>        | Molecules of the Body<br>MEI123<br><b>12C</b>               |   |   | Cardiovascular system<br>MIS224<br><b>16C</b>      | Respiratory System<br>MFW314<br><b>16C</b>                | Ethical and Legal aspects of medicine<br>MDD324<br><b>16C</b> |   |   |   |
| Tissues of the Body<br>MEE113<br><b>12C</b>                   | Development of the Body<br>MEJ123<br><b>12C</b>             | Metabolism<br>GMB214<br><b>16C</b>  |   | Infections<br>MJR224<br><b>16C</b>                 | Genital system<br>MEY314<br><b>16C</b>                    | Reproduction<br>GRE324<br><b>16C</b>                          |   |   |   |
| Structure of the Body<br>MEF113<br><b>12C</b>                 | Electrical Systems of the Body<br>MFK123<br><b>12C</b>      | Membranes and Receptors<br>GMR214<br><b>16C</b>   |   | Mechanisms of Disease<br>MFP224<br><b>16C</b>      | Exocrine and endocrine glands<br>GEE314<br><b>16C</b>     | Nervous System<br>MGB324<br><b>16C</b>                        |   |   |   |
| General Skills<br>MEA112 *<br><b>8C</b>                       |   |   |   |  |   |   |   |   |   |
| Level 8a<br><b>TOTAL Credits: 856</b><br>Notional Hours: 8560 |   | Clinical skills Module<br>Commences as GKV211 ( <b>4C</b> ), GKV221 ( <b>4C</b> ) in second year and evaluated as GKV311 ( <b>4C</b> ), GKV321 ( <b>4C</b> ) at the end of third year of study. |   |  |   | <b>2 Weeks</b>  |   |   |   |

\* MEA112 is integrated in the modules of Phase I (Semester 1)

\*\* Commences as GSM211 in Semester 3 and assessment of project takes place in Semester 5 as GSM312 (**8C**)

C = Credits

W = weeks

In semester 7-10 academic afternoons will be scheduled. (Elective themes) (24 Credits per year)

## **Reg. M1.5 ATTENDANCE OF CLASSES**

Attendance of all scheduled contact periods during all three phases is compulsory. Students attending fewer than 80% of the contact periods during a module or clinical residency will not be allowed to participate in the assessment at the end of the module or residency, and will be regarded as having failed the module or residency, and will not be eligible for re-assessment. In exceptional cases the Dean or the Head of the School may grant permission for absence, on condition that the student makes prior arrangements for absence with the Dean/Head of the School.

## **ASSESSMENT REGULATIONS**

See Reg. M2.

## **Reg. M1.6 PASS REQUIREMENTS**

Read together with Regulation M2.5.

### **Reg. M1.6.1 First year of study**

A candidate must pass all the modules of the first year in order to be promoted to the second year of study.

### **Reg. M1.6.2 Second year of study**

A candidate must pass all the modules in order to be promoted to the third year of study.

### **Reg. M1.6.3 Third year of study**

In order to be promoted to the fourth year of study a candidate must:

- (a) Pass all the modules of the third year.
- (b) Pass the assessment in Clinical Skills in November.
- (c) Submit a satisfactory Special Study Module dissertation before the end of September.
- (d) Submit a satisfactory report on the community work rotation before the end of September.

### **Reg. M1.6.4 Fourth year of study**

- (a) A candidate must pass all the block assessments and clinical residencies in order to be promoted to the fifth year of study.
- (b) At the end of the fourth year, before commencement of the fifth study year, a two-week elective residency period with medical practitioner must occur.
- (c) A satisfactory elective report must be submitted before the end of April of the fifth study year. These marks will be included in the marks of the Family Medicine module.
- (d) Both the theoretical and clinical sections in all the modules of Phase III must be passed individually.

### **Reg. M1.6.5 Fifth year of study**

In order to pass the fifth year of study a candidate must:

- (a) Pass all the block and clinical residencies assessments.
- (b) Both the theoretical and clinical assessments in all the modules of Phase III must be passed individually.
- (c) Admission to each of the five examination modules is subject to:
  - (i) A final pass mark in CHM519/529 gives admission to CHM592
  - (ii) A final pass mark in both INM519/529 and HAN518/528 is required for admission to INM592
  - (iii) A final pass mark in PEM517/527 for admission to PEM591
  - (iv) A final pass mark in GOB517/527 for admission to GOB591
  - (v) A final pass mark in PEM517/527 for admission to OSM591
- (d) In order to pass, a final pass mark of at least 50% per module is required.
- (e) Year marks/final pass marks for the final examination modules are made up as follows:
  - (i) The final pass mark of the module in the relevant module in the 4th year plus the final pass mark of the module of the relevant module in the fifth year each contribute 50% to the year mark of the examination module concerned.
  - (ii) This year mark and the mark obtained in the final examination each contribute 50% to the final pass mark of each of the examination modules.

### **Reg. M1.6.6 Pass requirements for subsections of the programme**

The pass requirements pertaining to modules, clinical residencies, integrated assessments, special study module dissertations, the elective report and report on community work are set forth in the Phase I, Phase II and Phase III module documents.

### **Reg. M1.7 REPEATING**

#### **Reg. M1.7.1 Repeating of the first, second, third and fourth years of study**

- (a) No student may repeat the first study year (Phase I) more than once.
- (b) Students repeating any of the above-mentioned years must repeat the year in its entirety.
- (c) No more than two years may elapse between the first and second attempts.
- (d) Students must complete the first four (4) academic years within a maximum of six (6) calendar years, i.e. this is the maximum period allowed for the completion of the first four academic years.
- (e) A student who does not pass at least 50% of the total registered modules of the year, will not be readmitted to the programme.

**Elucidation:** Refer to regulation M2.10 to be read together with regulation M1.7.1.

#### **Reg. M1.7.2 Repeating of the fifth year of study**

A student who fails the final assessment at the end of the fifth year of study will be allowed to sit for another assessment after six months. If still unsuccessful, a final opportunity to sit for the assessment will be granted six months later.

- (a) No aegrotat test or second examination opportunity exists.



- (b) A student who fails one module and obtains above 60% in all the other modules may repeat the assessment in the failed module after three months. Such a student must register for both the module of the relevant module and the relevant examination module.
- (c) A student who fails one module and obtains below 60% in 1, 2 or 3 modules may be assessed again after six months. Such a student registers for the relevant modules and examination modules. Reg. M1.8.5 (e)(i) further applies.
- (d) A student who fails two modules in the final assessment and obtains above 60% in all the other modules may repeat the assessment after six months. Such a student registers for the relevant modules and examination modules. Point Reg. M1.8.5 (e)(i) further applies.
- (e) A student who fails two modules and obtains below 60% in 1 or 2 modules may repeat the assessment after six months. Such a student registers for the relevant modules and examination modules. Point Reg. M1.8.5 (e)(i) further applies to such a student. If a student fails two modules and obtains below 60% in the other modules, the year must be repeated.
- (f) A student who fails three or more modules repeats the entire year. No exemption from modules is granted in the final assessment opportunity.
- (g) If a student is assessed again after six months, and if there is one or more modules in which the student obtained below 60% in the previous assessment, such a student must register again, complete a residency period and obtain a residency mark of at least 60% in all those previously passed modules in order to be exempted from assessment in the modules concerned.
- (h) A student must apply in writing for exemption for assessment in modules in which a final pass mark of at least 60% had been obtained.
- (i) If a student who had failed is permitted to sit for an assessment in one or more modules after six months and is still unsuccessful, a final assessment opportunity will be granted six months later.

### **Reg. M1.8 READMISSION OF STUDENTS**

Notwithstanding the stipulations of the General Regulations, the following apply:

- (a) A candidate will only be allowed to repeat a particular year of study after he/she had been reselected, and must apply for reselection in writing as soon as the results have been announced.
- (b) A maximum of two further assessment opportunities will be granted to a student who fails the final assessment at the end of the fifth year of study. If the student still fails to comply with the requirements for their qualification after the two said opportunities, further registration as student in Medicine will not be permitted, except on recommendation of the Dean and with the approval of the Senate.
- (c) A student who has failed a year must apply in writing to the Director: Faculty Administration for readmission to the study year, not later than seven (7) days after announcement of the final results.

### **Reg. M1.9 PROMOTION TO NEXT YEAR OF STUDY**

In order to be promoted to the next year of study, a student has to comply with all the pass requirements for the year concerned.

## **Reg. M1.10      MODULE / SEMESTER / YEAR MARK**

In addition to the stipulations of Regulation A14 (Module mark), all the regulations apply as set forth in the Phase I, Phase II and Phase III module documents.

## **Reg. M1.11      EXEMPTION FROM MODULES THAT HAVE ALREADY BEEN PASSED**

A student who has already passed a module(s) and obtained a module mark of at least 60% in the module(s) concerned in the following year, as well as an 80% attendance of the contact periods and clinical residency, could be exempted from assessment in the module(s) concerned. Application on the prescribed form, available at the office of the Director: Faculty Administration, must be submitted to the Head of the School *via* the head of department prior to the assessment opportunity.

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# **ASSESSMENT REGULATIONS**

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## **ASSESSMENT REGULATIONS REGARDING THE M.B,CH.B. PROGRAMME (8370)**

### **Reg. M2            REGULATIONS REGARDING ASSESSMENT**

The assessment regulations of the University, revised where necessary, are applicable to this School.

#### **Reg. M2.1        ADMISSION TO ASSESSMENT OPPORTUNITY**

- (a) Attendance of all the contact sessions in all the modules in the School of Medicine is compulsory.
- (b) Students who attended less than 80% of the contact periods of a module or clinical residency will not be permitted to take part in the assessment at the end of the module or residency and will not be considered for a second opportunity.
- (c) As soon as an absentee rate of 20% has been reached, a student will not be permitted to continue with classes without the approval of the Dean or the Head of the School.
- (d) To gain admission to the assessment, a minimum module mark of 40% is required in all modules.

#### **Reg. M2.2        COMPOSITION OF MODULE MARKS**

A student's written, oral and/or practical work conducted during the module could contribute to the module mark. (Details of the composition of the module mark are included in the individual module guides.)

(See 2.4.2)

#### **Reg. M2.3        PROMOTION SYSTEM**

**No promotion system exists for modules offered in the Faculty of Health Sciences.**

#### **Reg. M2.4        ASSESSMENT SYSTEM**

##### **Reg. M2.4.1      General regulations with regard to programmes**

Students are required to utilise the first assessment opportunity for all modules offered in the School of Medicine. Students can only qualify for participation in the second opportunity if they have participated in and qualified for the first opportunity (see 4.4.2).

### Reg. M2.4.2 Qualifying of a student for the second assessment opportunity

- (a) If a student obtained a final combined mark of at least 45% during the first assessment opportunity and a subminimum assessment mark of at least 30%.
- (b) Obtained a final combined mark of 50% or more during the first assessment opportunity but failed to obtain the subminimum assessment mark of 40%.
- (c) If a student submits a medical certificate deemed a valid reason for failing to utilise the first opportunity (special form to be completed by the medical practitioner)  
**Comment:** This certificate must be submitted to the Head of the School of Medicine, Room D204, within 48 hours after the student consulted a medical practitioner. No further opportunity exists for students who participate in the second opportunity in this way, except as in the special assessment opportunity described below. (Only M.B.,Ch.B. students).
- (d) A second assessment opportunity, enabling students in the School of Medicine to improve their final mark does not exist.
- (e) For MBChB- students the second assessment opportunity of the first semester will occur during the last week of the June/July vacation. The second assessment opportunity of the second semester for MBChB- students will occur during November of the same year.

### Reg. M2.4.3 Special assessment opportunity

- (a) A special assessment opportunity will be conducted in November during the second assessment opportunity.
- (b) A student requiring one outstanding module (from first or second semester) in order to pass the year, may be granted a special assessment opportunity provided that the student:
  - (i) did have admission to the assessment opportunity (i.e. had a module mark of at least 40%),
  - (ii) obtained at least 30% in the outstanding module during the assessment opportunity,
  - (iii) passed all the other modules, or qualified for a second assessment opportunity in other modules in November of the same year.
- (c) Where curricula require a student to pass all modules of the particular year in order to be promoted to the next year of study, a student with only **one** outstanding failed module (which may be first or second semester) will be admitted, after November's first opportunity, to a special assessment opportunity during the second assessment opportunity in November, irrespective of any stipulations.
- (d) A student who requires one or more module in order to pass the year after the second assessment opportunity in November must repeat the year.
- (e) If a student failed to participate in either the first or the second assessment opportunity, such a student will be denied any further assessment opportunity.

#### **Reg. M2.4.4 Examination results**

A student may discuss an examination paper with a lecturer and the head of the department within five examination days after the results were published on a specific notice board in the Faculty, with a right of immediate appeal to the Dean/Head of the School with notification to the head of the department. (EM 31/07/2006).

The student is requested to make an appointment with the lecturer/module leader..

The lecturer/module-leader/head of department checks the examination script for errors and verifies whether the marks have been added correctly and if all the questions have been marked. (No search for marks will be tolerated).

Should an alteration to the mark be required on account of an adding error or question that had been overlooked, the written details must be submitted to the Assistant director: Faculty Administration and Head of the School of Medicine.

Revision of the mark, if this is to the student's advantage, may then be effected in consultation with the Head of the School of Medicine and the Dean.

If the student is still not satisfied with the result of the revision of the examination script, the student has the right of immediate appeal to the Dean *via* the head of the department for a re-marking of the examination script. A written request in this regard must likewise be handed in to the Assistant director: Faculty Administration at room D211 within the same five (5) examination days. If the the Head of the School of Medicine/Dean approved it, the head of department will be requested to re-mark the entire examination script.

The result of the re-marking is forwarded to the Assistant director: Faculty Administration for submission to the Dean/Head of the School of Medicine. If the result of the re-marking is to the student's advantage, the revised mark will be awarded to the student, otherwise the original mark will be upheld.

If, after having followed the above procedure, the student is still dissatisfied with the result, the student has the right of immediate appeal to the Academic Appeal Committee of the Faculty of Health Sciences. A written request in this regard must be submitted to the Assistant director: Faculty Administration at least five (5) examination days after the result of the re-marking has been announced.

Costs could be involved in the re-marking.

#### **Reg. M2.4.5 Calculation of marks**

- (a) Both the module mark and the assessment mark contribute 50% to the final combined mark.
- (b) Calculation of marks of students who qualified for the second assessment opportunity:
  - (i) If a student participated in the second assessment opportunity due to illness, the final combined mark is calculated as for the first assessment opportunity (i.e. module mark 50% and assessment mark 50%).
  - (ii) If a student qualified for a second assessment opportunity and/or special assessment opportunity, the module mark and the marks of both assessment opportunities will be taken into account (i.e. module mark  $\frac{1}{3}$ , first assessment opportunity  $\frac{1}{3}$ , second/special assessment opportunity  $\frac{1}{3}$ ), on condition that a mark of only 50% be awarded to students who pass.

### **Reg. M2.5 PASS REQUIREMENTS (first to fourth year of study)**

- (a) A student must pass all the modules of a particular year in order to be promoted to the next year of study (including the Skills Modules in the first year of study).
- (b) In order to pass a module, a final combined mark of at least 50% must be obtained.
- (c) A subminimum of 40% applies to the assessment mark.

### **Reg. M2.6 PASS REQUIREMENTS (FIFTH YEAR OF STUDY)**

In order to pass the fifth year of study a student must:

- (a) Pass all the block assessments and clinical residencies.
- (b) Pass both the theoretical and clinical sections in all the modules of Phase III individually.
- (c) Admission to each of the five examination modules is subject to:
  - (i) A final pass mark in CHM519/529 gives admission to CHM592
  - (ii) A final pass mark in both INM519/529 and HAN518/528 is required for admission to INM592
  - (iii) A final pass mark in PEM517/527 gives admission to PEM591
  - (iv) A final pass mark in GOB517/527 gives admission to GOB591
  - (v) A final pass mark in PEM517/527 gives admission to OSM591
- (d) In order to pass, a final pass mark of at least 50% per module is required.
- (e) Year marks/final pass marks for the final examination modules are made up as follows:
  - (i) The final pass mark of the module in the relevant discipline in the 4th year plus the final pass mark of the module of the relevant discipline in the fifth year each contribute 50% to the year mark of the examination module concerned.
  - (ii) This year mark and the examination mark obtained in the final examination each contribute 50% to the final pass mark of each of the examination modules.

### **Reg. M2.7 PROMOTION TO THE FOLLOWING YEAR OF STUDY**

- (a) A student with one outstanding module in the first semester may continue with modules in the second semester. A student with more than one outstanding module of the first semester may apply to continue with modules of the second semester, only with special consent from the Dean.
- (b) If a student must still present himself/herself for a second assessment opportunity in one of the modules after the classes of the next semester have already commenced, such a student will be registered only conditionally for the modules in the new semester, until such time as the results of the module have been announced. No exemption from class attendance will be granted for the interim period.

### **Reg. M2.8 EXEMPTION FROM MODULES THAT HAVE ALREADY BEEN PASSED (first to fourth year of study)**

An M.B.,Ch.B. student who has already passed a module(s) and obtained a semester mark of at least 60% in the module(s) concerned in the following year, and has 80% attendance of contact periods and clinical residency, may be exempted from assessment in the module(s) concerned. Application must be made on the prescribed application form, available at the office of the Director: Faculty Administration, and submitted to the Head of the School *via* the Head of Department before commencement of the assessment opportunity.

All students who have obtained the expected outcomes in general skills, but have to repeat the year (the latter only in the case of M.B.,Ch.B. students), may be exempted from attendance and assessment of the skills module. Application must be made to the Head of the School *via* the Module Leader on the prescribed application form available at the office of the Director: Faculty Administration.

**Reg. M2.9 FIRST QUALIFICATION WITH HONOURS (does not apply to B.Med.Sc. (Radiation Science)-students)**

- a) A qualification with honours will be awarded if an average mark of at least 75% is obtained over the five modules of the final exam, and an average of 70% was obtained over the rest of the programme.
- b) The qualification has to be obtained within the prescribed period plus one year.

**Reg. M2.10 READMISSION OF STUDENTS TO THE M.B.,Ch.B. PROGRAMME (first to fourth year of study)**

**The following apply, irrespective of the stipulations of the General Regulations:**

- (a) A student will be permitted to repeat a particular study year only after he/she has been reselected and has applied for reselection in writing as soon as the results have been announced.
- (b) The first four years of study may each be repeated only once.
- (c) A student who has failed a year must apply for reselection to the study year in writing to the Director: Faculty Administration not later than seven (7) days after announcement of the final results.

**Reg. M2.11 REPEATING OF THE FIFTH YEAR OF STUDY**

A student who fails the final assessment at the end of the fifth year of study will be permitted to sit for another assessment after six months, and if still unsuccessful, a final opportunity to sit for the assessment will be granted six months later.

- (a) No aegrotat test or second examination opportunity exists.
- (b) A student who fails one module and obtains above 60% in all the other modules may repeat the assessment in the failed module after three months. Such a student must register for both the module of the relevant module and the relevant examination module.
- (c) A student who fails one module and obtains below 60% in 1, 2 or 3 modules may be assessed again after six months. Such a student registers for the relevant modules and examination modules. Point (g) further applies to such a student.
- (d) A student who fails two modules in the final assessment and obtains above 60% in all the other modules may repeat the assessment after six months. Such a student registers for the relevant modules and examination modules. Point (g) further applies to such a student.
- (e) A student who fails two modules and obtains below 60% in 1 or 2 modules may repeat the assessment after six months. Such a student registers for the relevant modules and examination modules. Point (g) further applies to such a student. If a student fails two modules and obtains below 60% in the other modules, the year must be repeated.
- (f) A student who fails three or more modules repeats the entire year. No exemption from modules is granted in the final assessment opportunity.

- (g) If a student is assessed again after six months, and if there is one or more modules in which the student had passed below 60% in the previous assessment, such a student must also register, complete a residency period and obtain a residency mark of at least 60% in all those previously passed modules in order to be exempted from assessment in the modules concerned.
- (h) A student must apply in writing for exemption from modules in which a final pass mark of at least 60% had been obtained.
- (i) If a student who had failed is permitted to sit for an assessment in one or more modules after six months and is still unsuccessful, a final opportunity to sit for the assessment will be granted six months later.



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*The regulations with regard to the undergraduate qualifications and study programmes in the School of Medicine are further explained below.*

*The pass requirements pertaining to modules, clinical residencies, integrated assessments, special study module dissertations, the elective report and report on community work are set forth in the Phase I, Phase II and Phase III module guides.*

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**PROGRAMME FOR PROFESSIONAL MEDICINE: MEDICINAE BACCALAUREUS and CHIRURGIAE BACCALAUREUS**  
**M.B.,Ch.B. (Programme for Professional Medicine) Study Code : 8371**

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**Reg. M3 REGULATIONS FOR THE PROGRAMME FOR PROFESSIONAL MEDICINE MEDICINAE BACCALAUREUS AND CHIRURGIAE BACCALAUREUS**

**This programme, 8371, is valid from 1 January 2007**

**Reg. M3.1 ADMISSION REQUIREMENTS**

Only a student in possession of a National Senior Certificate issued by UMALUSI (or an equivalent qualification approved by the University), will be admitted to the programme.

With regard to the Science mark, the following will be applicable to all applicants: A minimum average, compulsory mark at achievement level 5 (60%) is required for each of the following: Mathematics, Physical Sciences and Life Sciences. An admission mark of 36 is required.

In respect of the language of instruction of choice (Afrikaans or English), a minimum achievement mark at achievement level 5 (60%) is required. Senior students' admission requirements are determined by the selection requirements as set per category and contained in the selection policy.

**Elucidation:**

- (a) Only a limited number of candidates are admitted annually to the first year of the programme. Admission is subject to selection.
- (b) Admission is granted only to the first year of the programme.
- (c) Prospective students are advised to take Physical Sciences and/or Life Sciences as grade 12 subjects. Mathematics is a prerequisite.
- (d) Prior to admission, a candidate who is selected for the programme has to pay a deposit that is deductible from class fees.
- (e) Students receive training at the approved training complexes and also render community service in Bloemfontein and vicinity and other training institutions. Students are responsible for their own transport arrangements during training.

### **Reg. M3.2      ADMISSION REQUIREMENTS:      STUDENTS FROM OTHER UNIVERSITIES**

A student who has failed in the programme in Medicine at another university and has been refused further study in Medicine at that university, will not be admitted to the programme in Professional Medicine at this University.

### **Reg. M3.3      REGISTRATION AS STUDENT**

The registration programme will be announced in writing to the students. Students must register annually.

The student is expected to make all the prescribed payments before reporting for registration.

A student who fails semester 1 of the first study year and transfers to the Learning Development Programme will automatically be deregistered from the M.B.,Ch.B. Programme and registered for the Learning Development Programme. The latter excludes all senior students and students who have already completed a bridging programme. If the student passes the Learning Development Programme at the end of semester 2, he/she must be reselected (thus must apply – See Reg.M.4.7) and registered for the M.B.,Ch.B. Programme. It is the student's responsibility to ensure that the re-registration does occur.

#### **Elucidation:**

Payment may occur at any post office or branch of ABSA Bank in the country. The University account number to be stated for this purpose is: 1570 151 688; Branch code: 630-734 – ABSA Bank. State 100 + your student number as a reference.

### **Reg. M3.4      DURATION OF THE PROGRAMME**

The minimum period required to obtain the M.B.,Ch.B. degree is five years full-time study.

### **Reg. M3.5      REGISTRATION AS STUDENT IN MEDICINE WITH THE HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA**

Every student in Medicine is under obligation to register with the Health Professions Council of South Africa (HPCSA) as a student in Medicine. Students will be advised by the University when such registration should occur.

#### **Elucidation:**

The complete set of rules and regulations concerning registration with the Health Professions Council of South Africa as a student in Medicine is available for perusal at the office of the Director: Faculty Administration.

### **Reg. M3.6      THE PROGRAMME**

The programme is divided into three phases. Phase I is offered in semester 1, Phase II in semester 2 to 5, and Phase III in semesters 6 to 10. In Phases I and II the contents are arranged in thematic or system-based modules. Phase III is devoted to Clinical Medicine.

**DIAGRAMMATIC REPRESENTATION OF THE STRUCTURE OF THE MBChB-PROGRAMME 8371**

| PHASE I  | PHASE II  |   |  |   | PHASE III   |   |  |  |  |  |  |
|--|---|---|--|---|---|---|--|--|--|--|--|
| YEAR 1   |   | YEAR 2  |  | YEAR 3  |   | YEAR 4 (196K)   |  | YEAR 5 (200K)  |  |  |  |
| Semester 1(84C)  | Semester 2  | Semester 3 (152C)   | Semester 4 (88C)   | Semester 5 (104 C)  | Semesters 6 (36C)   | Semester 7  | Semester 8   | Semester 9   | Semester 10  |  |  |
| <b>MEB153(12C)</b><br>Health Psychology<br><br><b>MEC153(12C)</b><br>The Doctor and the Environment<br><br><b>MED153(12C)</b><br>Concepts of Health and Disease<br><br><b>MEE153(12C)</b><br>Tissues of the Body<br><br><b>MEF153(12C)</b><br>Structure and Development of the Body<br><br><b>MEA153(12C)</b><br>General Skills<br><br><b>Level 8 Total Credits: 860</b><br>Notional Hours: 8600 | <b>GMR124 (0C) **</b><br><br>Membranes, Receptors and principles of Pharmacotherapy | <b>GMR218 (32C)</b>   | <b>GUS264 (16C)</b><br>Urinary system                    | <b>MFW354 (16C)</b><br>Respiratory system                             | <b>MEG323 (12C)</b><br>Health Policy and Service Provision                                  | <b>INM479 (52C)</b><br>Internal Medicine (Cardiology/ Neurology)                  | <b>INM489 (52C)</b><br>Internal Medicine (Cardiology/ Neurology) | <b>INM579(48C)</b><br>Internal Medicine  | <b>INM589(48C)</b><br>Internal Medicine                    |  |  |
|  | <b>MEO124 (0C) **</b>   <b>MEO218 (32C)</b>   | <b>MEQ264 (16C)</b><br>Haematology and Immunology                         | <b>MEX354 (16C)</b><br>Health and disease in populations | <b>MAE323 (12C)</b><br>Human Life Cycle                               | <b>CHM479 (48C)</b><br>Surgery (Otorhinolaryngology/ Ophthalmology /Orthopaedics)           | <b>CHM489 (48C)</b><br>Surgery (Otorhinolaryngology/ Ophthalmology /Orthopaedics) | <b>CHM579(56C)</b><br>Surgery (Orthopedics, Urology and Trauma)  | <b>CHM589(56C)</b><br>Surgery (Orthopedics, Urology and Trauma)                |  |  |  |
|  | <b>MEI124 (0C)**</b>   <b>MEI218(32C)</b>   | <b>MIS264 (16C)</b><br>Cardiovascular system                              | <b>MGB354 (16C)</b><br>Nervous system                    | <b>GRE323 (12C)</b><br>Reproduction                                   | <b>PEM478 (32C)</b><br>Paediatrics  | <b>PEM488 (32C)</b><br>Paediatrics  | <b>PEM578 (32C)</b><br>Paediatrics and Psychiatry                | <b>PEM588 (32C)</b><br>Paediatrics and Psychiatry                              |  |  |  |
|  |   | <b>MFP214(16C)</b><br>Mechanisms of Disease                               | <b>MEY264(16C)</b><br>Genital system                     | <b>GEE354(16C)</b><br>Endocrine system                                | <b>INM323 (0C)**</b><br>Internal Medicine (Cardiology/Radiology/Community Health/Neurology) | <b>GOB478 (32C)</b><br>Obstetrics and Gynaecology                                 | <b>GOB488 (32C)</b><br>Obstetrics and Gynaecology                | <b>GOB578 (32C)</b><br>Gynaecology   | <b>GOB588 (32C)</b><br>Gynaecology                         |  |  |
|  |   | <b>MJR214(16C)</b><br>Infections and Antimicrobial Drugs                  | <b>MEU264 (16C)</b><br>Gastrointestinal system           | <b>MEZ354 (16C)</b><br>Human diversity, Human Rights and Legal ethics | <b>CHM323 (0C)**</b><br>Surgery (Otorhinolaryngology/ Ophthalmology /Urology)               | <b>OSM478 (32C)</b><br>Psychiatry (Oncology)                                      | <b>OSM488 (32C)</b><br>Psychiatry (Oncology)                     | <b>HAN578 (32C)</b><br>Family Medicine and Anaesthesiology                     | <b>HAN588 (32C)</b><br>Family Medicine and Anaesthesiology |  |  |
|  |   | <b>GSM124 (0C) **</b>   <b>GSM213 (12C)</b>                               | <b>GSM262 (8C)</b>                                       | <b>PEM323 (0C)**</b><br>Paediatrics                                   | <b>GOB323 (0C)**</b><br>Obstetrics and Gynaecology  | <b>OSM323 (0C) **</b><br>Psychiatry (Oncology)                                    |  |  |  |  |  |
|  |   | <b>Development Programme (LDP) of 6 months for candidates that failed</b> |  | <b>GKV264 (0C) **</b>   <b>GKV353 (12C)</b>                           |   |   |  |  |  |  |  |
|  |   |   | <b>Clinical Skills</b>                                   |   |   |   |  |  |  |  |  |
|  | <b>IMA 113 (12C) Integrated Medical Assessment</b>                                  |   | <b>IMA 213(12C) Integrated Medical Assessment</b>        |   | <b>IMA 313 (12C) Integrated Medical Assessment</b>  |   |  | Compulsory residency with an approved general practitioner – 2 weeks electives |  |  |  |
|  |   |   |  |   |   |   |  |  |  | Semester Examinations at the end of Sem. 9 and 10 and in Family Medicine (HAN578/588) only at end of Sem. 10                         |  |
|  |   |   |  |   |   |   |  |  |  | 2 <sup>nd</sup> Opportunity in November of the year  |  |
|  |   |   |  |   |   |   |  |  |  | Academic afternoons are being scheduled in semester 7-10 (Diverse elective themes) (24 Credits per annum included in module credits) |  |

\*\*Continuation

### **Reg. M3.7 ATTENDANCE OF CLASSES**

Attendance of all contact periods in all three phases is compulsory. Students are expected to have 100% class attendance. Students who have attended fewer than 80% of the contact periods of a module or clinical residency will not be allowed to participate in the assessment at the end of the module or residency, and will be regarded as having failed the module or residency. Students will also not be eligible for re-assessment. In exceptional cases the Head of the School may grant permission for absence, on condition that the student makes prior arrangements for absence with the Head of the School.

### **ASSESSMENT REGULATIONS**

See Reg. M4.

### **Reg. M3.8 PASS REQUIREMENTS**

Read together with Reg. M4.

#### **Reg. M3.8.1 Semester 1**

A student must pass both question papers of the final assessment in IMA113 in the first semester to be promoted to the second semester.

**Elucidation:** Refer Regulation M.4.4.2 (b) which must be jointly read with M3.8.1.

#### **Reg. M3.8.2 Semester 2 and 3**

A student must pass the final assessment in IMA213 to be promoted to semester 4.

#### **Reg. M3.8.3 Semester 4 and 5**

In order to be promoted to semester 6 a student must:

- (a) Pass the final assessment in IMA313 to be promoted to semester 6.
- (b) Submit a satisfactory Special Module Report before the end of semester 5.

#### **Reg. M3.8.4 Semester 6, 7 and 8**

- (a) A candidate must pass all the semester assessments, final assessments and clinical residencies in order to be promoted to semester 9 and 10.
- (b) At the end of semester 8, before commencement of semester 9, a two-week elective residency period with a medical practitioner must be completed.
- (c) Both the theoretical and clinical sections in all the modules of Phase III must be passed individually.
- (d) Assessment of modules MAE, GRE and MEG will occur at the end of semester 6. A student who fails one or more of the above modules will qualify for a second assessment opportunity in the same semester. If a student fails any of the three modules in the second opportunity, such a student will have to repeat and pass all the assessments in the specific module(s) in semester 8 in order to be promoted to semester 9 and 10.

### **Reg. M3.8.5 Semester 9 and 10 (Fifth year of study)**

In order to pass the fifth and final year of study a candidate must:

- (a) Pass all the block and clinical residency assessments.
- (b) Pass both the theoretical and clinical assessments in all the modules of Phase III individually.
- (c) Pass the semester assessment of Family Medicine (HAN578/588), which is offered only at the end of semester 10.
- (d) Hand in a satisfactory elective report before the end of April of semester 9 (fifth year of study). These marks are included in the Family Medicine module mark.

### **Reg. M3.8.6 Pass requirements for subsections of the programme**

The pass requirements pertaining to modules, clinical residencies, integrated assessments, special study module dissertations, the elective report and report on community work are set forth in the Phase I, Phase II and Phase III module guides.

### **Reg. M3.9 REPEATING**

#### **Reg. M3.9.1 Repeating of Phase I (semester 1) and Phase II (semesters 2, 3, 4 and 5)**

- (a) No student may repeat semester 1 (Phase I) more than once.
- (b) Students who fail semester 1 must do the Learning Development Programme and students that fail semester 3 or 5 must repeat the preceding semester(s) in totality. Refer to Regulation M4.2. a, b and c.
- (c) No more than two years may elapse between the first and second attempts.
- (d) Students must complete the first four (4) academic years of study (till end semester 8) within a maximum of six (6) calendar years, i.e. this is the maximum period allowed for the completion of the first four academic years of study.

#### **Reg. M3.9.2 Repeating of semesters 9 and 10 (Fifth year of study)**

A student who fails the final assessment opportunity per module at the end of semester 9 and 10 will be allowed to repeat the assessment after six months in the following year in terms of the regulations stated below (a – i). If still unsuccessful, a final opportunity to repeat the assessment will be granted six months later.

- (a) A student who fails one module and obtains above 60% in all the other modules may repeat the assessment in the relevant module after three months. Such a student must register for the module .
- (b) A student who fails one module and obtains less than 60% in 1, 2 or 3 modules may repeat the assessment in the relevant module after six months. Such a student must register for the module.
- (c) A student who fails two modules and obtains above 60% in all the other modules may repeat the assessment in the relevant modules after six months. Such a student registers for the modules.
- (d) A student who fails two modules and obtains below 60% in only 1 (one) other module may repeat the assessment after six months. Such a student must register for the relevant modules.

- (e) A student who fails two modules and obtains less than 60% in more than 1 (one) other module, must repeat semester 9 and 10 (fifth year of study).
- (f) A student who fails three or more modules, repeats semester 9 and 10 (fifth year of study) and no exemption from assessment is granted in any of the modules.
- (g) A student who has to repeat six months, must re-register and complete residency for all the relevant modules, and obtain a module mark of at least 60% in the previously passed modules to be eligible for assessment in the relevant modules.
- (h) A student must apply in writing for exemption from assessment in modules that had previously been passed, as set forth in a – f.
- (i) If a student who has failed is permitted to sit for an assessment in one or more modules after six months and is still unsuccessful, a final assessment opportunity will be granted six months later.

**Elucidation:**

Neither a second opportunity nor an aegrotat assessment exists for modules in semester 9 and 10. A student who is ill during the final assessment of a module(s) will repeat the relevant module(s) after three months during the new academic year. Such a student must register for the relevant module(s).

**Reg. M3.10 READMISSION OF STUDENTS TO THE M.B.,Ch.B. PROGRAMME (First to Fourth year of study Semesters 1-8)**

See Regulation M4.7.

**Reg. M3.11 PROMOTION TO NEXT SEMESTER/YEAR OF STUDY**

In order to be promoted to the next semester/year of study, a student has to satisfy all the pass requirements for the preceding semester / year of study.

**Reg. M3.12 MODULE / SEMESTER MARK**

In addition to the stipulations of Regulation A1.14 (Module mark), all the regulations apply as set forth in the Phase I, Phase II and Phase III module guides of the M.B.,Ch.B.-programme.

**Reg. M3.13 INTERIM REGULATIONS**

The revised curriculum will be implemented for year 1 in 2007. To make provision for the revision and changes in the curriculum, the following interim regulations will apply:

- (a) If a student fails year 1 in 2006, the student will start again with the revised curriculum in semester 1 of 2007.
- (b) If a student fails year 2 in 2007, the student will be given a choice from two options in 2008, namely:
  - (i) Failing back into semester 3 of the revised curriculum and receiving special attention in module MEO, and then writing IMA213 at the end of semester 3
  - OR**
  - (ii) Waiting 6 months and then repeating semester 2 and 3 in totality.
- (c) If a student fails year 3 in 2008, the student will be given a choice from 2 options in 2009, namely:
  - (i) Failing back into semester 5 of the revised curriculum and then writing IMA313 at the end of semester 5
  - OR**

- (ii) Waiting 6 months and then repeating semester 4 and 5 in totality.
- (d) If a student fails year 4 in 2009, the student will be given a choice from 2 options in 2010, namely:
  - (i) Starting with the revised curriculum in semester 7
  - OR**
  - (ii) Waiting 6 months and then repeating semester 6, 7 and 8 in totality.
- (e) **If a student fails year 5 in 2010, the student will be subject to the stipulations of Regulation M3.9.2.**

#### **Reg. M3.14 EXEMPTION FROM MODULES THAT HAVE ALREADY BEEN PASSED**

#### **TO BE READ IN CONJUNCTION WITH REG. M4.5 UNDER ASSESSMENT REGULATIONS UNDER MEA**

With the exception of the final-years (Reg. M3.9.2), a student who is repeating a semester/year and has already passed a module(s), and obtained a module mark of at least 60% in the relevant module(s) in the preceding year, and has attended more than 80% of the contact sessions and clinical residencies in the present semester/year, could apply for exemption from assessment in the relevant module(s).

#### **Elucidation:**

Application for exemption from assessment is made on the prescribed application form available at the office of the Director: Faculty Administration. Applications must be submitted to the Head of the School of Medicine via the head of department before commencement of the assessment opportunity.

### ASSESSMENT REGULATIONS REGARDING THE M.B,CH.B. PROGRAMME, 8371

#### Reg. M4 REGULATIONS REGARDING ASSESSMENT

The assessment regulations of the University, revised where necessary, are applicable to the School of Medicine.

#### Reg. M4.1 ADMISSION TO ASSESSMENT OPPORTUNITY

- (a) Attendance of all the contact sessions in all the modules in the School of Medicine is compulsory.
- (b) Students who attended less than 80% of the contact sessions or clinical residency of a module will not be permitted to take part in the assessment at the end of the module or residency and will not be considered for a second opportunity.
- (c) As soon as less than 80% attendance is reached, a student is not permitted to continue with the module without the approval of the Head of the School.
- (d) To gain admission to the assessment, a minimum module mark of 40% is required for admission to the assessment, and this applies to all modules.

**Elucidation:** Excluding Phase I. Refer Regulation M4.2 (A)

#### Reg. M4.2 COMPOSITION OF MODULE MARKS

##### A. PHASE I – SEMESTER 1

The modules in semester 1 are MEA, MEB, MEC, MED, MEE and MEF.

For semester 1 the following modules will be assessed together:

- MEB, MEC and MED as well as MEA
- MEE and MEF as well as MEA

For the two groups of modules assessed together there are at least two assessment opportunities during semester 1, and each assessment comprises a module-specific and an integrated component.

At the end of semester 1, a semester final assessment is offered, comprising an integrated medical science assessment (IMA113). The format of the assessment is similar to the assessments during the semester and comprises module-specific and integrated questions.

The IMA113 comprises two question papers that must be passed independently and the groups of modules are assessed together as set forth below:

Question paper 1: - MEB, MEC and MED with MEA integrated

Question paper 2: - MEE and MEF with MEA integrated



If a student does not gain admission to the semester final assessment, he/she will automatically be admitted to the Learning Development Programme. The latter excludes all senior students or students who have already completed a bridging programme. Those senior and bridging students must repeat semester 1 again after six months. Those senior and bridging students could apply immediately for reselection/admission to semester 1.

The admission requirement for the semester final assessment IMA113 (semester 1) is as follows:

At least five of the six modules must be passed (at least 50%) and an admission mark of at least 40% must be obtained for the remaining module. The semester marks obtained in MEA153, MEB153, MEC153, MED153, MEE153, MEF153 do not contribute to the semester final assessment mark, but determines whether the student will be admitted to the semester final assessment. The semester marks of these modules will then also be the final module marks reflected on the University's data base.

A student who fails the semester final assessment, i.e. the integrated medical science question papers (IMA113), could qualify for a second opportunity in terms of the related regulation (Regulation M4.4.2.) and must be taken in both question papers. Both groups of question papers will form part of the second opportunity. If a student fails the second opportunity as well, the student will be admitted to the Learning Development Programme in semester 2.

If a student passes the semester final assessment in IMA113 (as well as the individual papers of IMA113), he/she is admitted to semester 2. (Reg. M3.8.1)

## **B. PHASE II – SEMESTER 2 AND 3**

The modules in semesters 2 and 3 are GMR, MEI, MFP, MJR, GSM and MEO.

During the semesters, two integrated medical science assessments are offered, the marks of which contribute to the semester mark for IMA213, constituting 50% of the final mark in the written component of IMA213.

At the end of semester 3 an integrated medical science assessment (IMA213) is offered, comprising a written and OSPE (Objective Structured Practical Examination) component. Both components must be passed independently.

To obtain admission to the final assessment of IMA213, a student must pass at least 5 (five) of the 6 (six) modules and obtain a minimum of 40% in the failed module. If a student fails to gain admission to the final assessment of IMA213, the student must repeat semester 2 and 3. If the student fails the first final assessment of IMA213, the student could qualify for a second opportunity in terms of the related regulations. Both the written and OSPE components will be assessed.

If a student repeats semester 2 and 3 and has already passed GSM, application could be made for exemption from GSM.

If a student passes the final assessment in IMA213, he/she is admitted to semester 4.

## **C. PHASE II – SEMESTER 4 AND 5**

The modules in semester 4 and 5 are GUS, MEQ, MIS, MEY, MEU, MFW, MEX, MGB, GEE, MEZ, GSM and GKV. GSM is a continuous module and includes a research project for which a final assessment mark is awarded at the end of semester 5.

During the semesters, two integrated medical science assessments are offered, the marks of which contribute to the semester mark for IMA313, constituting 50% of the final mark of the written component of IMA313.

At the end of semester 5, an integrated medical science assessment (IMA313) is offered. The semester final assessment (IMA313) at the end of semester five comprises one written integrated medical science assessment as well as an OSCE (Objective Structured Clinical Examination), which includes an oral assessment as well. Both components must be passed independently.

To gain admission to the final assessment of IMA313, a student must pass at least 11 (eleven) of the 12 (twelve) modules and obtain a minimum of 40% in the failed module. If a student fails to gain admission to the final assessment of IMA313, the student must repeat semester 4 and 5. If the student fails the first final assessment of IMA313, the student could qualify for a second opportunity in terms of the related regulations. Both the written and OSCE component will be assessed.

If the student repeats semester 4 and 5 and has already passed GSM, application could be made for exemption from GSM.

If a student passes the final assessment in IMA313 (in accordance with the conditions of Reg. M3.8.3), he/she is admitted to semester 6.

## **D. PHASE III – SEMESTER 6**

The modules in semester 6 are MEG, MAE, GRE. In addition there are also modules INM, CHM, PEM, GOB and OSM in semester 6 that are continued in semester 7 and 8.

Marks obtained for assessments during semester 6 are carried forward to semester 7 and 8. Assessment includes both written and clinical assessment where applicable, and marks obtained contribute a maximum of 50% to the module mark at the end of semester 8. Semester 6 will include Anaesthesiology's written component of semester 5 and both the written and clinical components of semester 6.

Thus there are no semester final assessments in modules INM, CHM, PEM, GOB and OSM in semester 6, as the modules are continued in semester 7 and 8 and assessed in those semesters.

Assessment of modules MAE, GRE and MEG will occur at the end of semester 6. A student who fails one or more of the above-mentioned modules will qualify for a second assessment opportunity in the same semester. If a student fails any of the three modules in the second opportunity, such a student will have to repeat and pass all the assessments in the specific module(s) in semester 8 in order to be promoted to semester 9 and 10.

## **E. PHASE III – SEMESTER 7 AND 8**

At the end of both semester 7 and 8, a semester assessment per module is offered. The semester assessment involves a theoretical assessment as well as a clinical assessment.

In addition, final assessments are offered for all modules of semesters 7 and 8 at the end of semester 8. The written component is compulsory for all students and no promotion applies, but students who obtain a mark of 60% during the clinical semester assessments in the course of the semester will be exempted from the clinical component of the final assessment.

Students who obtain 60% or less during the clinical assessments in the course of the semester must complete both the written and clinical semester final assessment in semester 8.

If a student fails the module final assessment in semester 8, he/she could qualify for admission to the second assessment opportunity in terms of the related regulations.

## **F. PHASE III – SEMESTER 9 AND 10**

At the end of both semester 9 and 10 there are semester final assessments in all the relevant modules, comprising a written and clinical component. This is considered a professional qualifying examination and external examiners are involved in the assessment. These assessments deal with all clinical disciplines through which the students have rotated in the course of the preceding semester, including Otorhinolaryngology, Orthopaedic Surgery, Urology, Anaesthesiology, Oncotherapy, Radiology and Ophthalmology.

Neither a second opportunity nor an aegrotat assessment exists for semesters 9 and 10. A student who is ill during the final assessment of a module(s) will repeat the module(s) after three or six months according to the programme of the new academic year. Such a student must register for the relevant module(s). No other provision is made for aegrotat assessments.

A final clinical integrated assessment is offered by Family Medicine (HAN578/588) at the end of semester 10. This involves clinical cases and OSCE (OSPE) during which the student is assessed in respect of general clinical evaluation and treatment of the patient, as well as professional and communication skills, attitude and conduct.

Students who fail any of the 6 modules in one or both the semester examinations, will have to repeat the relevant residencies and assessments as contained in **Reg. M3.9.2: Repeating of semesters 9 and 10 (Fifth year of study)**

## **Reg. M4.3 PROMOTION SYSTEM**

No promotion system exists at undergraduate level for modules offered in the Faculty, except the stated promotion of the clinical component of the final assessment at the end of semester 8.

## **Reg. M4.4 ASSESSMENT SYSTEM**

### **Reg. M4.4.1 General regulations with regard to programmes**

All students in the School of Medicine are required to participate in the first assessment opportunity.

### **Reg. M4.4.2 Qualifying of a student for the second assessment opportunity**

A student who fails the first opportunity, qualifies for a second opportunity (excluding semester 9 and 10):

- (a) If a student has obtained a final combined mark of at least 45% with a subminimum of at least 30% during the first assessment opportunity.
- (b) If a student has obtained a final combined mark of 50% or more during the first assessment opportunity, but not the subminimum of 40% in the components of the specific assessment.
- (c) If a student submits a valid medical certificate, certifying that the student was unable to participate in the first assessment opportunity (special form to be completed by a medical practitioner).

**Elucidation:** This medical certificate must be handed in to the Head of the School of Medicine, Room D204 within 48 hours after the absence. No further opportunity exists for students who participate in the second opportunity in this manner, except in the case of a special assessment opportunity as set forth below. (Only M.B.,Ch.B. students).

- (d) When the student obtains a combined mark of 50%, but does not pass both the theoretical and clinical component individually.
- (e) This ruling does not apply in semester 9 and 10.

No second assessment opportunity exists in the School of Medicine for improvement of the final module mark.

The second assessment opportunity of semester 1, 3 and 5 are offered during the last week of June, and the second assessment opportunity of semester 8 in November of the relevant year.

Assessment of modules MAE, GRE and MEG will occur at the end of semester 6. A student who fails one or more of the above-mentioned modules will qualify for a second assessment opportunity in the same semester.

### **Reg. M4.4.3 Special assessment opportunity : Only M.B.,Ch.B. IV**

- (a) A special assessment opportunity is offered for M.B.,Ch.B. IV in November of the same year during the second assessment opportunity.
- (b) A student requiring one module (from first or second semester of the relevant year) after the first assessment opportunity in order to pass the year, could qualify for a special assessment opportunity provided that the student:
  - (i) did have admission to the first assessment opportunity (i.e. a module mark of at least 40%),
  - (ii) obtained at least 30% for the outstanding module during the first assessment opportunity, and

- (iii) passed all the other modules, or qualified for a second assessment opportunity in other modules in November of the same year.
- (c) Where curricula require a student to pass all modules of the particular semester/year in order to be promoted to the next year of study, a student with only **one** outstanding module (first or second semester of the relevant year) will be admitted to a special assessment opportunity during the second assessment opportunity irrespective of any stipulations. This stipulation applies only to M.B.,Ch.B. IV students
- (d) A student who requires one or more modules in order to pass the semester(s)/year after the second assessment opportunity must repeat the semester(s)/year. See Reg. 4.7 (b).
- (e) If a student failed to participate in either the first or the second assessment opportunity, such a student will be denied any further assessment opportunity.

#### **Reg. M4.4.4 Examination results**

A student may apply in writing to have a specific examination paper reviewed for errors within five (5) examination days after announcement of the preliminary examination results on a specified notice board.

##### **Elucidation:**

This request must be handed in at the office of the Assistant Director, Room D211, Francois Retief Building. Copies are made of the written request of the student with the date recorded on it, and forwarded to the particular lecturer/module leader/head of department and Programme Director in consultation with the Head of the School. Both the student and the office retain a copy for record purposes.

The Faculty Administration will telephonically notify the lecturer/module leader/head of department.

The lecturer/module leader/head of department reviews the script for errors and to verify that the marks have been added correctly and that all questions have been marked. (Witch-hunting for marks will not be tolerated).

If an alteration must be effected to the mark on account of incorrect adding or a question that had been overlooked, the written details will be forwarded to the Assistant director and the Head of the School.

Alteration of the mark, if it is to the student's advantage, may then be effected in consultation with the Head of the School and the Dean.

If the student is still dissatisfied with the result of the revision of the examination script, the student has the right to immediate appeal *via* the head of the department to the Dean for a re-marking of the examination script. A written request in this regard must likewise be submitted to the Assistant director within five (5) examination days. If the Head of the School of Medicine/Dean approves the request, the head of the department will be requested to re-mark the entire examination script.

The result in respect of the re-marking is forwarded to the Assistant director for submission to the Dean/Head of the School of Medicine. If the result of the re-marking is to the student's advantage, the altered mark will be awarded to the student, failing which the original mark will be upheld.

The re-marking may involve costs.

Should the student still be dissatisfied with his/her results after having followed the above procedure, the student has the right to immediate appeal to the Academic Appeal Committee of the Faculty of Health Sciences. A written request in this regard must be submitted to the Assistant Director at least five (5) examination days after the results of the re-marking were announced.

#### **Reg. M4.4.5 Calculation of marks**

- (a) The module mark and the assessment mark contribute 50% to the final combined mark. (Excluding Phase I)
- (b) Calculation of marks of students who participated in the second assessment opportunity:
  - (i) If a student participated in the second assessment opportunity on account of illness, the final combined mark is calculated as for the first assessment opportunity (i.e. module mark 50% and assessment mark 50%).
  - (ii) If a student qualified for a second assessment opportunity and/or special assessment opportunity, the module mark and the marks of only the second or special assessment opportunity will be taken into account (i.e. module mark 50% and second/special assessment opportunity 50%), provided that a final combined assessment mark of only 50% be awarded to students who pass.

#### **Reg. M4.5 EXEMPTION FROM MODULES THAT HAVE ALREADY BEEN PASSED**

- (a) MEA  
M.B.,Ch.B. students who have satisfied the expected outcomes in MEA (General Skills Module), but who are repeating the first semester, could be exempted from portfolio assessment in MEA, but must still satisfy the attendance requirements. Application for exemption from the portfolio assessment must be made on the prescribed form available at the office of the Director: Faculty Administration and submitted to the Head of the School *via* the module leader.
- (b) Only Fourth Year of Study  
An M.B.,CH.B. student who has already passed a module(s) and obtains a module mark of at least 60% during the following year and has at least 80% attendance of contact sessions and clinical residency, could be exempted from the assessment in the relevant module(s). Application for exemption from the said assessment is made on the prescribed application form available at the office of the Director: Faculty Administration. This application must be submitted to the Head of the School *via* the head of the department before commencement of the assessment opportunity.

#### **Reg. M4.6 FIRST QUALIFICATION WITH HONOURS (does not apply to B.Med.Sc.-students)**

- a) A qualification with honours will be awarded if an average mark of at least 75% is obtained over the five modules of the final assessment, and an average of 70% over the rest of the programme.
- (b) The qualification has to be obtained within the prescribed period plus one year.

**Reg. M4.7      READMISSION OF STUDENTS TO THE M.B.,Ch.B. PROGRAMME  
(First to Fourth year of study: Semesters 1 - 8)**

**The following apply, irrespective of the stipulations of the General Regulations:**

- (a) A student is permitted to repeat semester 1 only after having completed the Learning Development Programme and being reselected to semester 1. The latter excludes senior students and students who have already completed the bridging programme. The student must apply in writing for admission as soon as the final results are known.
- (b) To gain admission to repeating semesters 2 and 3, semesters 4 and 5, as well as semesters 7 and 8, a student must be reselected and he/she must apply for this in writing as soon as the final results of the relevant assessment are known.
- (c) Semester 1, semesters 2 and 3, semesters 4 and 5, as well as semesters 6, 7 and 8 may each be repeated once only.
- (d) A student who has failed must apply in writing to the Director: Faculty Administration for readmission to the relevant semester within seven (7) days after the final results are known.

**Reg. M5 REGULATIONS FOR THE DEGREE BACCALAUREUS IN MEDICAL SCIENCES (RADIATION SCIENCES)****Reg. M5.1 SELECTION REQUIREMENTS FOR ADMISSION**

Only candidates in possession of an endorsed Senior Certificate issued by UMALUSI (or an equivalent qualification that would have to be approved by the University) will be admitted to the programme. An average minimum mark of 60% for Science is required and will be calculated on the basis of Mathematics and Physical Science, in which at least a C-symbol on higher grade and a B-symbol on standard grade have been obtained. Biology/Life Sciences is a recommendation. All students, including senior students from other faculties and universities will be subjected to selection. An M-score of at least 36 is required.

In respect of the language of instruction chosen by the student, a C-symbol is required in that language at school leaving level.

**Reg. M5.1.1 Recognition of modules before obtaining a qualification from this University**

Yearbook for Institutional Rules, Regulation A11 for first Baccalaureus degrees applies.

**Reg. M5.1.2 Recognition of modules after obtaining a qualification from this University**

Yearbook for Institutional Rules, Regulation A12 for first Baccalaureus degrees applies.

**Reg. M5.1.3 Recognition of modules passed at another Higher Education institution**

Yearbook for Institutional Rules, Regulation A10 for first Baccalaureus degrees applies.

Students will be admitted to the programme only after complete syllabi and credits of each module such a student had passed have been submitted to the department offering the programme. The Faculty of Health Sciences reserves the right to subject a student to an admission examination.

**Reg. M5.2 COMPOSITION OF THE CURRICULUM**

Yearbook for Institutional Rules, Regulation A8 for first Baccalaureus degrees applies.

The curriculum comprises compulsory and elective (chosen) modules. Modules must be selected in such a way as to satisfy the prerequisites of such modules and the requirements of the degree programme. Students must take note that three (3) elective major module fields exist for the third study year, one of which must be selected. During the second study year students must therefore ensure that elective modules are selected in such a way as to satisfy the prerequisites of the selected field. **Radiation Science (RSC) is the compulsory major module.**



### Reg. M5.3 CURRICULUM (Total credits 432)

A student enrolled for the B.Med.Sc. (Radiation Sciences) programme has to compile the curriculum according to the information below, with due allowance for the Faculty and General Regulations.

|   | YEAR 1        |               | YEAR 2   |  | YEAR 3   |  |
|---|---------------|---------------|--|--|--|--|
|   | SEM 1         | SEM 2         | SEM 1  | SEM 2  | SEM 1  | SEM 2  |
| <b>Compulsory modules</b>                           |               |               |  |  |  |  |
| Physics   | FSK114<br>16C | FSK124<br>16C |  |  |  |  |
| Mathematics   | WTW134<br>16C | WTW144<br>16C |  |  |  |  |
| Biology   | BLG114<br>16C |               |  |  |  |  |
| Anatomy   |               | ANA124<br>16C |  |  |  |  |
| Radiation physics<br>and<br>Radiobiology            |               |               | RSC213<br>12C and<br>RSC233<br>12C                   |  |  |  |
| Radiation detectors<br>and<br>Tumor biology         |               |               |  | RSC223<br>12C and<br>RSC243<br>12C                   |  |  |
| Radiation dosimetry<br>and<br>Oncology              |               |               |  |  | RSC314<br>16C and<br>RSC334<br>16C                                       |  |
| Radiation protection<br>and<br>Treatment modalities |               |               |  |  |  | RSC324<br>16C and<br>RSC344<br>16C                                       |
| Physiology  |               |               | FFG216<br>24C or<br>FFA208<br>32C                    | FFG226<br>24C or                                     |  |  |
| Chemistry   | CEM114<br>16C | CEM124<br>16C |  |  |  |  |
| Basic Skills  | ACC112*<br>8C |               |  |  |  |  |
| <b>Elective modules</b>                             | <b>None</b>   | <b>None</b>   | <b>Two of the<br/>following:</b>                     | <b>Two of the<br/>following:</b>                     | <b>One of the<br/>following:</b>   | <b>One of the<br/>following:</b>   |
| Physics   |               |               | FSK214<br>16C and<br>FSK232<br>8C                    | FSK224<br>16C and<br>FSK242<br>8C                    | FSK314<br>16C and<br>FSK332<br>8C and<br>FSK352<br>8C                    | FSK324<br>16C and<br>FSK342<br>8C and<br>FSK362<br>8C                    |
| Applied Mathematics                                 |               |               | WTW234<br>16C  | WTW244<br>16C  |  |  |
| Chemistry   |               |               | CEM214<br>16C and<br>CEM232<br>8C                    | CEM224<br>16C and<br>CEM242<br>8C                    |  |  |
| Biochemistry and Genetics                           |               |               | BOC212<br>8C and<br>BOC252<br>8C and<br>GEN232<br>8C | BOC222<br>8C and<br>BOC242<br>8C and<br>BOC262<br>8C | BOC312<br>8C and<br>BOC332<br>8C and<br>BOC352<br>8C and<br>BOC372<br>8C | BOC322<br>8C and<br>BOC342<br>8C and<br>BOC362<br>8C and<br>BOC382<br>8C |
| Physiology  |               |               |  |  | FFG316<br>24C and<br>FFG332<br>8C  | FFG326<br>24C and<br>FFG342<br>8C  |

\*Basic Skills ACC112 - the module in Basic Skills is compulsory and must be passed before a degree will be awarded.

## **Elucidation**

### **First year**

- In the first year there are **no** elective modules.

### **Second year**

- Students who intend offering **Physiology** FFG316 + FFG332 and FFG326 + FFG342 as a major module field, are obliged to take FFG216 and FFG226. For all the other major modules Physiology FFA208 is recommended.
- Students who intend offering **Physics** as major module field, must take Applied Mathematics WTW236 and WTW244.
- Students who intend offering **Biochemistry** as major module field, must take Biochemistry and Genetics (BOC212 and BOC252 and GEN232, as well as BOC222 and BOC242 and BOC262) as well as Chemistry (CEM214 and CEM232, as well as CEM224 and CEM242).

### **Reg. M5.4 PREREQUISITES**

Yearbook for Institutional Rules, Regulation A8 for first Baccalaureus degrees applies.

Additional to the prerequisites included in the Yearbook for Institutional Rules, the following prerequisites apply with regard to Radiation Sciences.

|        |                          |
|--------|--------------------------|
| RSC213 | Min(FSK114) and (FSK124) |
| RSC233 | Min(BLG114)              |
| RSC223 | Min(RSC213)              |
| RSC243 | Min(RSC233)              |
| RSC314 | Min(RSC213) and (RSC223) |
| RSC334 | Min(RSC233) and (RSC243) |
| RSC324 | Min(RSC314)              |
| RSC344 | Min(RSC334)              |

### **Reg. M5.5 DURATION OF THE PROGRAMME**

Yearbook for Institutional Rules, Regulation A8(c) for first Baccalaureus degrees applies.

The minimum length of time required for obtaining the B.Med.Sc. degree in Radiation Sciences is three years fulltime study.

### **Elucidation:**

After completion of the third year, postgraduate studies in Medical Physics may be pursued up to Ph.D. level. A student who wishes to register with the Health Professions Council of South Africa as a Medical Physicist, must be in possession of a B.Med.Sc.(Hons.) in Medical Physics and have completed two years internship.

### **Reg. M5.6 REGULATIONS REGARDING ASSESSMENT**

The assessment regulations of the University, revised where necessary, are applicable to the B.Med.Sc. Radiation Science programme.

## **Reg. M5.6.1          ADMISSION TO ASSESSMENT OPPORTUNITY**

- (a) Attendance of all the contact sessions in all the modules in the School of Medicine is compulsory.
- (b) Students are expected to have 100% class attendance. Students who have attended fewer than 80% of the contact sessions of a module will not be permitted to take part in the assessment at the end of the module and will not be considered for a second opportunity.
- (c) To gain admission to the assessment, a minimum module mark of 40% is required for admission to the assessment, and this applies to all modules.

## **Reg. M5.7          ASSESSMENT SYSTEM**

### **Reg. M5.7.1      General regulations with regard to programmes**

All students in the School of Medicine are required to participate in the first assessment opportunity.

### **Reg. M5.7.2      Qualifying of a student for the second assessment opportunity**

A student who fails the first opportunity, qualifies for a second opportunity:

- (a) If a student has obtained a final combined mark of at least 45% with a subminimum of at least 30% during the first assessment opportunity.
- (b) If a student has obtained a final combined mark of 50% or more during the first assessment opportunity, but not the subminimum of 40% in the components of the specific assessment.
- (c) If a student submits a valid medical certificate, certifying that the student was unable to participate in the first assessment opportunity (special form to be completed by a medical practitioner).

#### **Elucidation:**

This medical certificate must be handed in to the Head of the School of Medicine, Room D204 within 48 hours after the absence.

- (d) Regulation A15 (f) and (g) in the Yearbook for Institutional Rules for obtaining the degree do apply, provided that the student:
  - (i) did have admission to the assessment opportunity (i.e. had a module mark of at least 40%),
  - (ii) obtained at least 30% in the outstanding module during the assessment opportunity.
- (e) Except for the stipulations of Regulation A8 (B) and A19 (a) in the Yearbook for Institutional Rules, a student with outstanding modules is permitted to continue with his/her studies.

## **Reg. M5.8          PASS WITH HONOURS**

See General Regulations.

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**LEARNING DEVELOPMENT PROGRAMME IN THE  
FACULTY OF HEALTH SCIENCES  
(Learning Development programme)**

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**96 credits  
Study code : 8003**

**Reg. M6 REGULATIONS FOR THE LEARNING DEVELOPMENT PROGRAMME**

**Reg. M6.1 ADMISSION REQUIREMENTS**

Only students who fail the first semester in the first study year will be admitted to the Learning Development Programme. Students who fail their first semester will be compelled to enroll for the Learning Development Programme.

**Elucidation:**

The following students will not be admitted to the Development Programme:

- (a) A student who had already completed the University's Career Preparation Programme before selection
- (b) Senior students, i.e. students who had already obtained a degree or had been engaged in degree studies before being selected to the M.B.Ch.B. programme.

**Reg. M6.2 DURATION OF THE PROGRAMME**

The duration of the Learning Development Programme is six (6) months and is presented in the second semester.

**Reg. M6.3 THE PROGRAMME**

The Learning Development Programme extends over the entire semester (6 months) and all the subjects are compulsory:

**DIAGRAMMATICAL REPRESENTATION OF THE STRUCTURE OF THE  
PROGRAMME**

|                                   |               |            |
|-----------------------------------|---------------|------------|
| Biophysics                        | BFS124        | <b>16C</b> |
| Integrated Anatomy and Physiology | BMN184        | <b>16C</b> |
|                                   | BMN183        | <b>12C</b> |
| Mathematics                       | WTW164        | <b>16C</b> |
| Advanced Computer Skills          | RIS121        | <b>4C</b>  |
| Language Skills                   | ALM184/AFT184 | <b>16C</b> |
| Life Skills                       | VBL184        | <b>16C</b> |

C = Credits

**Reg. M6.4 CLASS ATTENDANCE**

Attendance of all the contact periods in the Development Programme is compulsory. Students who had attended fewer than 80% of the contact periods of a module will not be permitted to participate in the examination and will be considered to have failed the module and not be eligible for reassessment. In exceptional circumstances, the Head of the School could grant consent for absence, on condition that students make prior arrangements for absence with the Head of the School.

### **Reg. M6.5 MODULE MARK**

- (a) In addition to the stipulations of Reg. A14, the regulations of the School of Medicine and School for Allied Health Professions apply.
- (b) Marks obtained for written, oral and/or practical work conducted during a module could contribute to the module mark. (Details of the composition of the module mark are contained in the various module manuals).

### **Reg. M6.6 ASSESSMENT REGULATIONS**

Refer to the assessment regulations of the School of Medicine (Reg. M4) and School for Allied Health Professions (Reg. AGB 1.5-1.13).

### **Reg. M6.7 PASS REQUIREMENTS**

- (a) A final combined mark of at least 50% must be obtained in order to pass a module.
- (b) A subminimum of 40% applies to the examination mark.
- (c) A student must pass at least five(5) modules with a minimum of 50% and also one(1) module with at least an assessment mark of more than 40%.
- (d) The student will fail the semester if the student attained a mark of less than 50% in more than one (1) module or if a mark is attained of less than 40% in one or more modules.

### **Reg. M6.8 PROMOTION SYSTEM**

No promotion system at undergraduate level exists in the School of Medicine and School for Allied Health Professions for this Programme.

### **Reg. M6.9 REPEATING**

No student may repeat the Learning Development Programme. If a student fails the Learning Development Programme, the student will not be allowed to continue with the M.B.,Ch.B. or learning programmes of the School for Allied Health Professions.

### **Reg. M6.10 READMISSION**

#### **Reg. M6.10.1 READMISSION TO THE M.B.CH.B. PROGRAMME, SEMESTER 1**

- (a) Students who pass the Learning Development Programme have to apply in writing for readmission to the M.B.,Ch.B. programme at the end of the year.
- (b) Students who pass the Learning Development Programme and are readmitted to the M.B.Ch.B. programme must repeat all the modules of Semester 1 (MEB153, MEC153, MED153, MEE153, MEF153, MEA153 and IMA113).
- (c) Students who have initially passed MEA153, must attend all the contact sessions and group activities again. However, the student need not submit a portfolio again.

#### **Reg. M6.10.2 READMISSION TO THE SCHOOL FOR ALLIED HEALTH PROFESSIONS**

- (a) Students who passed the Learning Development programme will be readmitted to the specific programme in the School for Allied Health Professions for which he/she was registered. Students will have to repeat all the modules of Semester 1 that are offered in the Faculty.

- (b) Students who have already passed AAV112/ACE112, can apply to the Head of the School for Allied Health Professions for exemption from assessment in these modules.

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