



**SEFAKO MAKGATHO  
HEALTH SCIENCES UNIVERSITY**

# **2025 SCHOOL OF MEDICINE CALENDAR**

**UNDERGRADUATE PROGRAMMES**

## Medium of Instruction

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

## Validity

This Calendar is valid for the 2025 academic and financial years. The University reserves the right to amend any date, time, rule, policy or provision in this Calendar at any time without prior notice. No responsibility is accepted for possible inaccuracies.

## University Semesters: 2025

**FIRST SEMESTER** : 06 January 2025 - 25 July 2025

AUTUMN Recess (for students) : 31 March 2025 - 04 April 2025

WINTER Recess (for students) : 09 July 2025 - 18 July 2025

**SECOND SEMESTER** : 28 July 2025 - 15 December 2025

SUMMER Recess (University Vacation) : 15 December 2025 - 05 January 2026

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## 1. LIST OF PROGRAMMES

The General Rules of the University will apply and thereafter the School of Medicine Rules will apply.

QUALIFICATION CODE	DEGREE	ABBREVIATION
<b>UNDERGRADUATE DEGREE PROGRAMME</b>		
BMC01	Bachelor of Medicine and Bachelor of Surgery	MBChB
BMCA01	Bachelor of Medicine and Bachelor of Surgery (Extended Degree Programme)	MBChB (ECP)
BRID01	Bachelor of Diagnostic Radiography	B Rad (Diagn)

## 2. MESSAGE FROM THE DEAN

### The importance of a team

A team is a group of people who work together to achieve a common goal or objective. There is interdependency among team members as the team members perform tasks that are related to each other for a common purpose. Michael Jordan, arguably the best basketball player, the world has known said "Talent wins games, but teamwork and intelligence win championships."

We, in the School of Medicine (SOM) are a team. As a team we have many parts, but we are also a "subpart" of the whole University team.

The parts of our team are not identical, and their differences create an important diversity which affords us the opportunity to learn from each other. It is this diversity that creates a fertile ground for innovation.


It is the different parts of this diversity that propels us forward to our goal.

### Characteristics of a team

- Partnerships: Teams create partnerships in the school of Medicine. Students, academics and supports staff are partners. "You don't partner with people to duplicate your success; you partner with people to accessorize your limitations" TD Jakes. All the team members have limitations, but each member has the ability to enhance the strength of the other team members in their weaknesses. The purpose of the academic staff is to train students to become fit for purpose, world class health professionals, but this cannot happen without the contributions of management and support staff.
- Trust: To achieve our goals as a School, we need to earn trust, one from another - students', staff (academic & support) alike. It is when we trust each other that we become vulnerable to our shortcomings, and one to another, can accessorize each other's vulnerabilities.
- Conflict resolution: Indeed, we shall experience conflicts, after all we are humans, but it is in how we resolve these conflicts that we are able to grow as a school. We should not resolve these conflicts as enemies, but as partners assisting each other to grow.
- Communication: Communication is key for the survival and sustenance of any organization. Effective communication resolves conflicts before they arise from any member of the partnership.

As we embark on this partnership journey in 2025, the Deanery wishes all the members of the organization, a journey filled with partnership building, memory creations and pushing each other to achieving the strategic goals of the school and indeed that of the university. To the new members of the team, you are welcome and indeed are looking forward to your contributions to making this team reach greater heights.

Yours sincerely,



**Adjunct Professor Risenga Frank Chauke (Acting Dean)**

MBChB, MMed (Thoracic-Chir), Assoc FC (Cardio) SA,

MBA (Gibs - UP) Learning Facilitator: Assessment College of South Africa

### **3. VISION AND MISSION**

#### **VISION**

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

#### **MISSION**

A distinguished School of Medicine that:

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

#### **VALUES**

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

#### **MOTTO**

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

#### 4. SCHOOL COMMITTEES

AACAC	Academic Assessment Complaints & Appeals Committee
APCDC	Academic Planning & Curriculum Development Committee
ASC	Admissions & Selection Committee
CDC	Curriculum/Programme Development Committee
CPD-AAC	Continuous Profession Development-Accreditation & Advisory Committee
GFC	Grants & Funding Committee
MAC	Medical Advisory Committee
MEDEX	Executive Committee of the School of Medicine
PBEC	Partnership Building and Engagement Committee
PGEC	Postgraduate Examination Committee
SAEAC	School Academic Exclusions Committee
SAPC	School Academic Promotions Committee
SBM	School Board of Medicine
SReC	School Research Committee
UG ECC	Undergraduate Examination & Certification Committee

#### 5. DEFINITIONS OF TERMINOLOGY

**(i) EXAMINATION COURSE / MODULE**

A course/module on which there will be a written/oral/practical examination at the end of the period of study.

**(ii) YEAR MARK**

This is a mark derived from tests, projects, exercises, etc. done during the year either in any one subject course or during the modules of a programme year.

**(iii) EXAMINATION MARK**

The mark that the student receives for his performance in an examination at the end of an examination course, module, semester, or programme year.

**(iv) FINAL COMBINED MARK**

Is determined by a formula derived from the year mark and the examination mark.

**(v) DISCIPLINE**

Any separately identifiable branch of medicine.

DEGREE NUMBERING SYSTEM ABBREVIATIONS	
SMB	Bachelors Degree Programmes

## 6. ACADEMIC DEPARTMENTS AND SCHOOL PERSONNEL

<b>Office of the Dean</b>	
Dean (Acting)	Chauke RF; MBChB, MMed (Thoracic-Chir), Assoc FC (Cardio) SA, MBA (Gibs - UP), Learning Facilitator; Assessment College of South Africa
Deputy Dean (Acting)	Moodley V; MBChB (UCT), MMed (Haem Path) (MEDUNSA) <i>Cum Laude</i>
Clinical Manager: Integrated Sciences	Mabuza LH; MBChB, M Fam Med (MEDUNSA), FCFP(SA)
School Operations Manager	Maseko JM; MPA (UP), B. Admin (UNISA), N Dip Public Admin (Tech RSA), Risk Management Cert (UP), ICDL (UL, Medunsa Campus)
Principal Administrative Officer	Laka FL; Public Admin (Hons) (UDW), B Soc. Science (UCT), ICDL (UL, Medunsa Campus)
Senior Administrative Officer	Henrico M; NSC
Administrative Officer	Mudau E; N Dip Admin (TUT)
Administrative Officer	Ramokone MU; N Dip Office Management & Technology (TUT), B.Tech Office Management & Technology (TUT), B.Tech Project Management (TUT), PG Dip Business Administration (UNISA)
Administrative Officer	Makola K; N Dip Office Management & Technology (TUT), Adv Dip Admin Information & Technology (TUT), PG Dip Admin Information Management (TUT)
Administrative Officer (Grants & Funding)	Vacant
Senior Secretary	Mphahlele RM; HR. Man. Dip. (Allenby), N Dip Comm Practice (Tembisa Tech)
Secretary	Sekhukhune M; Senior Teachers Dip (UL), N Dip Assistant Management
Administrative Assistant	Vacant

<b>Anaesthesiology</b>	
Professor /HoD	Kluyts, H; MMed Anaes (UP), FCA(SA), DMed Anaes (UP)
Snr Lecturer / Head Clinical Unit	Baloyi BJ; MMed Anaes (MEDUNSA)
Snr Lecturer/Head Clinical Unit	Richter A; MMed Anaes (MEDUNSA)
Snr Specialist/Head Clinical Unit	Motiang M; MBChB, MMed Anaest (MEDUNSA)
Snr Lecturer/Snr Specialist	Malik AA; MBBS, Punjab, MMed Anaes (MEDUNSA)
Snr Specialist/Lecturer	Mpholo LT; MMed Anaest (UL)
Lecturer/Specialist	Sebothoma MA; MMed Anaes (UL)

<b>Anatomical Pathology</b>	
HoD/ Lecture Specialist	Khaba M; M.D (Cuba), FC Path (SA), Anat (MMed) UKZN, Dip for Med (SA) Path
Professor / Chief Specialist	Vacant
Lecturer/Specialist (Pathologist)	Kekana T; MMed (Anat Path), MEDUNSA
Lecturer/Specialist (Pathologist)	Campaigni C; MMed (Anat Path), MEDUNSA
Lecturer/Specialist (Pathologist)	Ntsangani N; MMed (Anat Path) SMU, FC Path (SA)
Lecturer/Senior Specialist (Pathologist)	Vacant
Princ. Medical Technologist	Lekalakala TM; Dip Med Lab Tech (Cytology & Histopathology Technique)
Lecture/Scientist	Mhlongo L; MSC (Medicine)
Medical Officer	Daba I; MBChB
Registrar – Senior	Joseph V; MBChB
Registrar - Senior	Mothata N; MBChB



Registrar - Senior	Keetse OM; MBChB
Registrar - Senior	Samy B; MBChB
Registrar - Senior	Makhubela VG; MBChB
Registrar - Junior	Luthuli SO; MBChB, DCH (CMSA)
Registrar – Junior	Phoofolo RKV; MBChB

<b>Anatomy and Histology</b>	
Associate Professor and HoD	Ndou R; PhD (WITS)
Professor	Oettlé AC; MBChB (WITS), PhD (UP)
Senior Lecturer	Pillay D; PhD (WITS)
Stomatologist and Senior Lecturer	Adebesin AA; BDS (LAG) MSc (WITS) PhD (WITS)
Lecturer	Maseko PB; MSc Anatomy (UP)
Lecturer	Perry V; MSc Med Anatomy (WITS)
Lecturer	Simelane AG; BSc (Hons) (SMU); MSc (Medicine) (SMU)
Senior Lecturer	Govender S; PhD (UP)
Lecturer	Van der Walt S; PhD (UP)
Lecturer	Kristen D; MSc (UP)
Lecturer	Xhakaza N; PhD (WITS)
Lecturer	Bodiba M; MSc (UP)
Lecturer	Pillay-Addinall S; PhD (WITS)
Lecturer	Kobedi R; MSc (SMU)
Senior Lecturer	Jegede AI; PhD (UKZN)
Medical Technologist	Japhta NL; MSc (SMU)
Medical Technical Officer	Mphaga KA; Advance Diploma Biomedical Technology (VUT)
Lecturer	Matshipi M; MSc (UKZN)

<b>Cardiology</b>	
Professor /Chief Specialist	Vacant
Snr Lecturer/Princ. Specialist	Motaung MMJ; M.B. Ch.B. FCP (SA) Cert in Cardiology
Lecturer/Specialist	Perreira da Silva AN, MD, MMed (UP)
Lecturer/Specialist	Mutati P; MBChB (Zambia), MMed-Int Med (MEDUNSA) Cert.in Cardiology
Lecturer/Specialist	Nchabeleng M; MBChB (MEDUNSA), MMed-Int Med (UL)
Lecturer/Specialist	Duze NP, MBChB (MEDUNSA): FCP (SA): MMed-Int.Med (UKZN); Cert in Cardiology
Lecturer/Specialist	Mokgosi S; BSc (Biochem) Rhodes University: MBChB (UFS) MMed-Int.Med (UFS)
Lecturer	Mahahle P; Dr MBChB (MEDUNSA), FCP (SA)
Lecturer	Vacant

<b>Cardiothoracic Surgery</b>	
Adjunct Professor /Chief Specialist/HoD	Chauke RF, MBChB, MMed (Thoracic-Chir), Assoc FC (Cardio) SA, MBA (Gibs - UP) Learning Facilitator: Assessment College of South Africa
Lecturer/Principal Specialist/HoU	Mazibuko SM, MBChB (Natal), MMed (Thorac Chir) (MEDUNSA), FC Cardio (SA)
Lecturer/Senior Specialist	Vacant
Lecturer/Senior Specialist (Part-time)	Ramoroko PS, MBChB, MMed (Thorac Chir) (MEDUNSA)
Lecturer/ Specialist	Hossain KM, MBChB, FRCS (Edinburg), Mmed (Thor Surg) UL

Lecturer/ Specialist	Sekgololo JM, MBChB (UL), FC Cardio (SA)
Lecturer/ Specialist	Nyamande D, MBChB (Zimbabwe), FC Cardio (SA)
Lecturer	Vacant
Lecturer	Rasmeni N, MBChB (MEDUNSA)
Lecturer	Kampetu MF, MBChB (University of Lubumbashi, DRC)
Lecturer	Makofane RMP, MBChB (UL)
Lecturer	Mashabela MG, MBChB (Cuba-Stellenbosch)
Lecturer	Nkosi MC, MBChB
Lecturer	Vacant
Lecturer	Vacant

<b>Chemical Pathology</b>	
Professor/Chief Specialist	Tanyanyiwa DM; PhD Human Genetics (UCT) FC Path (ECSA) FCPATH (SA), MMed Path (UCT) FMLSc, MBChB,
Snr Lecturer/Snr Specialist	Vacant
Lecturer/Specialist	Rab A; MMed (Chem Path) (MEDUNSA)
Lecturer/ Specialist	Gwiliza S; MBChB (UP), FC Path (SA) Chem, MMed (Chem Path) UP
Lecturer/ Specialist	Nkoana MK; MBChB (UP), FC Path (SA) Chem, MMed (Chem Path) SMU
Lecturer/ Specialist	Mapheto T; MBChB (UCT), FC Path (SA) Chem, MMed (Chem Path) SMU
Lecturer/Specialist	Simela T; MBChB (UCT), FC (SA) Chem, MMed (Chem Path) SMU
Lecturer/Registrar	Malapermala K; MBChB (Stellenbosch)
Lecturer/Registrar	Matladi M; MBChB (SMU)
Lecturer/Registrar	Muhali T; MBBCH (WITS)
Lecturer/ Scientist (Part-time)	Bekker L; PhD Paraclinical Sciences (UP), MSc Chemical Pathology (UP), BSc Hons Chemical Pathology (UP)
Lecturer/Scientist	Pheeha S; BSc Hons (Med) chem Path (UL), MSc (Med) Chem Path (SMU)
Senior Scientist	Vacant
Senior/Principal Medical Technical Officer	Duma Z; BSc (Medunsa), BSc Hons Chem Path (SMU), MSc Chem Path (SMU), PhD Med Micro (UKZN)
Medical Technologist	Mbele B; N Diploma: Bio Tech (UJ), BTech: Bio Tech (UJ)
Medical Technologist	Lekgoro T; N Dip: Bio Tech (VUT), Dip: Total Quality Management (UNISA).
Administrative Officer	Maponya M
Secretary	Nkoana V

<b>Clinical Psychology</b>	
Adjunct Prof/Chief Psychologist/HoD	Baloyi LJ; MSc (Clin. Psych) MEDUNSA, PhD (UNISA)
Associate Professor	Lentoor A; M Soc Sci Clin (UKZN), PhD (UKZN)
Associate Professor	Maepa MP; MA (Clin Psych) UL, PhD Psych (NWU)
Principal Clinical Psychologist/Snr Lecturer	Kganya MM; MSc (Clin Psych) UL, PhD (SMU)
Principal Clinical Psychologist/Snr Lecturer	Kritzinger AM; MA (Clin Psych) UKZN, PhD (UP)
Lecturer	Thobejane RK; MSc (Clin Psych) MEDUNSA
Lecturer	Pretorius J; MSc (Clin Psych) UL
Lecturer	Marole H; MSc (Clin Psych) UL
Lecturer	Muhadisa C; MA (Clin Psych) UNISA, LLB (UNISA)

<b>Community Medicine</b>	
Head of Clinical Department	Ledibane TD; MBBCh, MMed (Community Health), FCPHM (SA), DPH (Hospital Management), AUDOH, MAS (Vaccinology)
Snr Lecturer/Head of Clinical Unit	Vacant
Lecturer/ Medical Specialist	Razwiedani-Rikhotso LL; BSc (UNIVEN), MBChB (MEDUNSA), CAM, MPH (UL), DOHM (UP), MMed (Community Health) SMU, FCPHM (SA)
Lecturer/Medical Specialist	Pitso LA; MBChB, MMed (Public Health Medicine), FCPHM

<b>Dermatology</b>	
Professor / Chief Specialist	Motswaledi MH; MBChB (MEDUNSA), MMed (Derm), FC Derm (SA)
Princ. Specialist/Snr Lecturer	Vacant
Specialist/Lecturer	Nkosi L; MBChB, FCDERM (SA)
Specialist/Lecturer	Vacant
Specialist/Lecturer	Mathekga K; MBChB, FCDERM (SA)
Specialist/Lecturer	Vacant
Lecturer	Vacant
Lecturer	Hage S, MBChB
Lecturer	Pretorius M, MBChB
Lecturer	Mhlongo LN. MBChB
Lecturer	Jele RZ, MBChB
Lecturer/Supernumerary Registrar	Namukonde F (MBChB),
Lecturer	Vacant

<b>Diagnostic Radiography</b>	
Head of Department (Acting)	Mphofu OS; MBChB, AUDOH, MBL, FCPHM (SA) Occ Med, LLB, LLM
Senior Lecturer	Vacant
Senior Lecturer	Mochife MA; Nat Dip Rad (PE Tec), DTE, BEd, Med, (UP), Advanced Program in Organizational Development (UNISA)
Lecturer	Nkadimeng M: MSc Psychological Research
Lecturer	Thulo AM; B Rad Diagn (MEDUNSA), DTE, BEd, MEd (UP)
Lecturer	Mosathupa JG; Dip Rad Diagn (UJ), B Tech Diagn (UJ), HED (UNISA), PGDBM (KZN University)
Lecturer	Thobakgale MJ; MSc, HcM (University of Bedfordshire)
Lecturer	Motiang K; B Rad Diagn (MEDUNSA), BRad Hon (Diagn) (UP), MPH (UL), Dip HIV/AIDS Mgmt & Couns (Boston), Program in Safety Mgmt (Unisa), Fundamentals of Computing (Medunsa), Gen Mgmt Cert (Intec)
Lecturer (Junior) PT	Baloyi TP; B Rad Diagn (MEDUNSA) Mammography certificate (UP), Bookkeeping Trial balance (Varsity College)
Lecturer (Junior) PT	Mekgwe T; Nat Diagn Rad (UJ), B Tech Diagn Rad (UJ)
Lecturer	Motsepe A: B Rad, PGC CT, Intermediate certificate in MRI, PGDip Public Health, MPH

<b>Diagnostic Radiology and Imaging</b>	
Adjunct Professor /Chief Specialist	Mamogale RT; MBChB (Medunsa), MMed (Rad Diag) (Medunsa)
Head of Clinical Unit/Lecturer	Dehghan Dehnavi A; MBChB (IRAN), MMed (Rad Diag) (UP)
Specialist/Lecturer	Lowane HL; BSc (Hons), MBChB (Medunsa), MMed (Rad Diag) (Medunsa)
Specialist /Lecturer	Malanga P; MBChB (Medunsa) MMed (Rad Diag) (SMU)

Specialist/Lecturer	Maboho MI; MBChB (Medunsa), FC Rad (SA)
<b>Family Medicine &amp; Primary Health Care</b>	
Associate Professor/Chief Specialist/HoD	Vacant
Data Capture	Kgoebane SA, NDip, BTech, PGDip (Informatics)
Secretary	Ramogale T; NDip Management Assistant
Secretary	Phaleng Y; NDip Office Management & Technology
Administrative Officer	Mphahlele L; NDip Management Assistant
<b>Gauteng Province</b>	
Head of Unit	Nzaumvila DK; MD (Kinshasa), MMed (Fam Med) (MEDUNSA)
District Family Physician	Masango-Makgobela AT; Bsc (Medunsa), MBChB, MMed (Fam Med) (MEDUNSA)
Med Specialist (Grade 3) / Snr Lecturer	Hlabyago KE; BSC Ed, MSc, MBChB, MMed (Fam Med) (UL)
Medical Specialist (Grade 2) / Lecturer	Steyn C; FCFP (SA) MMed (FM & PHC) (SMU) MBChB (UL Medunsa), B Dietetics, Post Grad Dip Dietetics (UP)
Med Specialist (Grade 2) / Lecturer	Masanabo DKK; Masanabo MBBCH (WITS), MFAMMED(SMU), FCFP(CMSA)
Med Specialist (Grade 1) / Lecturer	Ramochele-Ngwenya MMM; B Cur, MBChB, FCFP(SA), M Fam Med (UL)
Med Specialist (Grade 2) / Lecturer	Nkoane MA; BSc, B Med Sc, MBChB (UFS), MMed (Fam Med) (UL), FCFP(SA)
Med Specialist (Grade 1) / Lecturer	Okeke S: BSC Ed, MSc, MBChB, MMed (Fam Med)
Med Specialist (Grade 1) / Lecturer	Ntshoe K; MBChB, MMed (Fam Med) (UL), FCFP(SA)
Med Specialist (Grade 2) / Lecturer	Mkhatshwa VB; B Pharm (UL), MBBCh (WITS), MMed (Fam Med) UL, FCFP(SA)
Med Specialist (Grade 2) / Lecturer	Bongongo T; MBChB, MMed Fam Medicine, MPH
Applied Social Science / Lecturer	Mogotsi MM; BSc (Hons), MSc (Psych) (UL), PHD(Psych) (UL)
NMFC Lecturer	Mogotsi KS; BSc, Hon BSc, MBChB (Medunsa), HIV Man Diploma (CMSA), International HIV Medicine (GALE), MPH (UP), Advance Diploma in Leadership and Management (SBS), NLP & Coaching (SOL)
Med Specialist (Grade 1) / Lecturer	Phukutha NSJ; MBChB, Dip.Obst(SA), Mmed(Fam Med) (WITS), FCFP (SA)
Med Officer (Grade 1) / Lecturer	Mokitimi M; MBChB (UCT)
<b>North-West Province</b>	
Associate Professor / Head of Unit	Tumbo JM; MBChB (Nairobi), FCFP(SA), M Fam Med (MEDUNSA)
Med Specialist (Grade 2) / Lecturer	Kabongo CD; MD (Kinshasa), FCFP (SA)
Med Specialist (Grade 1) / Lecturer	Mpinda JB; MD (Kinshasa), MMed (Fam Med) (UL)
Med Specialist (Grade 1) / Lecturer	Yoko JLM; MD (Kinshasa), MMed (Fam Med) (UL)
Med Specialist (Grade 1) / Lecturer	Dibetso MS; B Nutrition (UL), MBChB, MMed (Fam Med) (UL) FCFP(SA)
Med Specialist (Grade 1) / Lecturer	Akingba KO; MBChB (U Ilorin), ACHM, DOM/H (U. Pretoria) MPH (UP), FCFP(SA), MMed (Fam Med) (MEDUNSA)

<b>Forensic Medicine</b>	
Principal Specialist/Snr Lecturer	Hlase KK; MBChB, DTM&H, Cert. Med & Law, Dip.For Med, FC Forensic Path
Lecturer/ Specialist	Dr C van Wyk; MBChB (PRET), Dip For Med (SA Path, FC For Path (SA)

<b>General Surgery</b>	
Chief Specialist /HoD/Professor	Koto MZ; MBChB (MED), FACS, FCS(SA), FCS(ECSA), Cert GIT(SA), FCR (HARVARD), PhD
Principal Specialist/HoU/Snr Lecturer	Mokhtari A; MD (Hamburg), MMed (Surg) (MEDUNSA)
Principal Specialist/HoU	Sumbana T; MBChB, MMed(Surg)(SMU), FCS(SA), Cert Gastroenter(SA)Surg
Snr Specialist / Snr Lecturer	Bondo M; MD (Kinshasa), MMed (Surg) (MEDUNSA)
Snr Specialist / Snr Lecturer	Mokone MD; MBChB, MMed (Surg) (MEDUNSA)
Lecturer/Specialist	Sardiwalla II; MBChB, Mmed (Surg) (MEDUNSA) FCS(SA) Cert Gastroenter (SA)Surg
Lecturer/Specialist	Molati M; MBChB, FCS(SA)
Lecturer/Specialist	Mashego LG; MBChB, FCS(SA)
Lecturer/Specialist	Ngema SS; MBChB, FCS(SA), Cert Vasc Surg (SA)
Lecturer/Specialist	Kalenga NC; MBBCh, MMed (Surg)(SMU), FCS(SA) Fellow HPB Surgery
Lecturer/Specialist	Vacant
Lecturer/Specialist	Kgopane TT; MBChB, FCS(SA), Fellow Vasc Surgery
Lecturer/Specialist	Naidoo T; MBChB, FCS(SA), MMed (Surg)(MEDUNSA)
Lecturer/Specialist	Matsevych OY; MD(Ukraine), FCS(SA), MMed (Surg) PhD
Lecturer/Specialist	Becker JR; MBChB, MMed (Surg) <i>Cum Laude</i> , FCS(SA), FRCS (Edin), FRCS(Glasgow)
Lecturer/Specialist	Ziady CCM, MMed (Int), Gastroenter (SA) Med
Lecturer/Specialist	Kamwendo NY; MBChB, MMed (Surg) (MEDUNSA)
Research Assistant	Mabitsela ME; Nat Dip: Management, BTech: Management, MTech: Comparative Local Development
Med Nat Scientist/Chief Prof Nurse	Tlapane M; Diploma in General Nursing (National Health Training College) (Lesotho), BANSc (MEDUNSA), Diploma in Midwifery (Ga-Rankuwa Nursing College), B-Tech in Occ. Health Nursing (TUT), MPH (UL), Diploma in Nursing Education (NWU)

<b>Haematological Pathology</b>	
Adjunct Professor/Head of Department	Moodley V; MBChB (UCT), MMed (Haem Path) (MEDUNSA) <i>Cum Laude</i>
Principal Specialist/Senior Lecturer	Vacant
Senior Specialist (Pathologist)/Lecturer	Dlova AN; BSc (Univ Fort Hare), MBChB (MEDUNSA), MMed (Haem) (UL), PG Dip (HSE) (UCT)
Specialist (Pathologist)/Lecturer	Mashele RP; MBChB (MEDUNSA), MMed (Haem) (UL)
Specialist (Pathologist)/Lecturer	Mafisa L; MBChB (UL), MMed (Haem Path) (SMU), FC Path (SA) Haem
Specialist (Pathologist)/Lecturer	Mmusi MM; MBChB (UL), MMed (Haem Path) (SMU), FC Path (SA) Haem
Senior Medical Natural Scientist	Lekabe JM; BSc (MEDUNSA), Dip Med Lab Tech (ClinPath) (Microbio) (Immun), BSc (Hons) (Med) (UL)
Chief Medical Technologist	Harris Y; Nat Dip Vet Technology, Nat Higher Dip Vet Technology, BSc (UL), BSc (Hons)(Med)(UL), MSc (Med) (Haem) (SMU)
Senior Medical Technical Officer	Moeketsi MMS; Cert (Blood Transfusion Tech)
Medical Scientist	Hlophe CM; BSc (Hons) in Medical Sciences (Haem) (SMU)
Secretary	Kutumela KD; N Dip Management Assistant (TSC)

<b>Hand and Microsurgery</b>	
Adjunct Professor/Chief Specialist	Golele SS, MMed (Orth) (MEDUNSA), FC (Orth) (SA)
Head of Unit	Vacant
Senior Specialist	Vacant
Specialist / Lecturer	Vacant
Medical Officer	Mitchell TL, MBChB
Medical Officer	Vacant
Chief Medical Technologist	Nkosi CM, BSc, BSc (Hons), MSc
Princ. Medical Technologist	Vacant
Medical Technologist	Vacant
Snr Lecturer (Part-Time)	Matime AM, BSc, MBChB, MMed (Orth)

<b>Internal Medicine</b>	
Chief Specialist/Head Clinical Department	Madala ND; MBChB, MMed (Natal), FCP (SA), MSc (Epidemiology) London, PhD (UKZN)
Snr Lecturer/Head Clinical Unit	Manzini TC; MBChB, MMed, FCP (SA) Cert in Infect Diseases, Cert in HIV, Cert in Travel Med, MBA
Snr Lecturer/Head Clinical Unit	Kgole MB; BSc, MMed (Med) FCP (SA) Cert in Pulmonology
Snr Lecturer/Head Clinical Unit	Kalidas KA; MBChB, MMed (Int) (MEDUNSA)
Snr Lecturer/Head Clinical Unit	Karodia M; MBChB; Mmed Haem, Cert in Clinical Haematology
Snr Lecturer/Head Clinical Unit	Tulleken WG, MBChB, MMed, FCP, Cert in Nephrology, MSc (Human genetics) BSc Hons
Lecturer/Specialist	Oloyede OO; MBChB, FCP (SA), MSc Epidemiology (UP)
Lecturer/Specialist	Mphahlele M; MBChB, MMed (SMU) FCP (SA)
Lecturer/Specialist	Hlatshwayo LNR, MBChB, MMed (SMU) FCP (SA)
Lecturer/Specialist	Mashaba SN; MBChB; MMed (SMU)
Lecturer/Specialist	Ngale TC; MBChB, MMed (SMU) FCP (SA)
Lecturer/Specialist	Adu A; MBChB, MMed (UL)
Lecturer/Specialist	Mashele TS; MBChB, MMed (UL)
Lecturer/Specialist	Adebiyi JA; MBChB, MMed (SMU) FCP (SA) Cert in Gastro
Lecturer/Specialist	Seema L; MBChB, MMed, FCP (SA)
Lecturer/Specialist	Mosidi K; MBChB, MMed (SMU) FCP (SA) Cert in Nephro
Snr Lecturer/Specialist	Tshipeng L; MBChB, FCP (SA), Cert in Rheum
Lecturer/Specialist (sessional)	Lagaud MRP; MBChB
Snr Lecturer/Snr Specialist (sessional)	Kangawaza EM; MBCHB, MMed (UP) Dip in HIV
Snr Lecturer/Snr Specialist (sessional)	Mashitsho MLI; MBChB: MMed (Int Med) MEDUNSA: FCP (SA)
Snr Lecturer/Snr Specialist (sessional)	Mutidja M; MBChB, MMed (MEDUNSA)
Snr Lecturer/Snr Specialist (sessional)	Komati SM; MBChB, MMed (Int) (MEDUNSA) FCP (SA)
Snr Lecturer/Snr Specialist (sessional)	Van Duuren EL; MedSci (UP), MBChB (UP) MMed (MedPhys), MSc (Sports Medicine)
Snr Lecturer/Snr Specialist (sessional)	Burki NAK; MBBS, MCFP, FAFP, MMed-Int Med (MEDUNSA), FCFP (SA)
Lecturer/Specialist (sessional)	Tshakhuma GM; MBChB, FCP (SA)
Lecturer/Specialist (sessional)	Mogolane IGT, MBChB, FCP (SA)
Lecturer/Specialist (sessional)	Wosu I; MBChB. FCP (SA)
Research Professor (Scientist)	Towobola OA; PhD: FIMLS (Clinical Biochemistry, London); MSc (steroid endocrinology, Leeds); MPhil (chemical pathology, Leeds); PhD (endocrinology & contraception, London)

<b>Intensive Care</b>	
Professor / Chief Specialist	Mpe MJ; FCP(SA), Cert Pulm(SA), FRACP
Principal Specialist/Lecturer	Vacant
Snr Specialist/Lecturer	Maganyane TC; MBChB, MMed (Anaest) DA (SA)
Snr Specialist/Lecturer	Netshandama B; MBChB, MMed(Anaest)
Specialist/Lecturer	Bhagwandass R; MBChB, FCP(SA)
Specialist/Lecturer	Ntlokotsi S; BSc, MBChB, MMed (Internal Medicine)
Specialist/Lecturer	Moroasui DCR; MBChB, MMed (Anaest)
Specialist/Lecturer	Machaba KA, MBChB, MMed (Anaest)
Medical Officer/Lecturer	Joseph J; MBChB, (UP)
Medical Officer/Lecturer	Nsungumadi MJ; MBChB
Medical Officer/Lecturer	Zhang Y; MBChB
Medical Officer/Lecturer	Vacant
Medical Officer/Lecturer	Vacant
Medical Officer/Lecturer	Vacant
Medical Officer/Lecturer	Vacant

<b>Medical Physics</b>	
Snr Lecturer/HoD	Ngcezu SA; BS (Physics); BSc Hons (Physics), MSc (Physics), PhD (Physics)
Snr Lecturer/Deputy Director	Van Wyk BP; PhD (SMU)
Snr Lecturer	Mandiwana N; MSc. (Med)(MEDUNSA), PG Dip (HPE) (UCT)
Associate Professor	Nyathi M; PhD, (SMU)
Junior Lecturer/ Medical Physicist	Mahlangu KWS; BSc. Hons (Medical Physics) (UL)
Junior Lecturer/Deputy Director	Nonjola LB; B. Med. Science Hons (Medical Physics) (UFS)
Lecturer	Maboe DPA; MSc. (Med), (MEDUNSA)
Lecturer	Letsoalo RW; MSc. (Med), (MEDUNSA)
Snr Lecturer	Nhlapo TA; PhD (UKZN)
Lecturer / Medical Physicist	Masango NM; MSc. (Med) SMU
Junior Lecturer / Medical Physicist	Tshivhase R; BSc. Hons (Medical Physics) (SMU)
Snr Medical Technical Officer	Miya LE; MSc. (SMU)
Medical Natural Scientist	Phenyane RR; MSc. (UNISA)
Medical Natural Scientist	Mabidi PM; MSc. (UJ)
Senior Laboratory Assistant	Khanyi TP
Senior Laboratory Assistant	Rapoo J
Secretary	Van der Westhuizen P

<b>Microbiological Pathology</b>	
Head of Department	Nchabeleng M; MMed (Microbiology), DHIV Man, Postgrad Dip IPC (Stellenbosch)
Specialist/Senior Lecturer	Shikwambane-Ntleme G; DTMH, MMed (Micro), FCPATH
Specialist/ Lecturer	Mulaudzi SI; DTMH, MMed (Micro), FCPATH
Specialist / Junior lecturer	Rashopole S; MBChB, DTMH, MMed (Micro) FCPATH
Registrar/Junior lecturer	Moukangwe F; MBChB, DTMH
Registrar/Junior Lecturer	Tladi R; MBChB, DTMH
Registrar/Junior Lecturer	Lehlabe OS; MBChB, DTMH
Registrar/Junior Lecturer	Hoedoafia E; MBChB, DTMH, FCPATH (Micro)
Registrar/Junior Lecturer	Masemola D; MBChB, DTMH
Registrar/Junior Lecturer	Shabalala T, MBChB
Senior Lecturer	Le Roux MC; MSc (Med), PhD
Senior Lecturer	Musyoki A; MSc (Med), PhD
Lecturer	de Villiers BE; LM Dip Tech (Microbiology), MSc Med
Lecturer	Nemarude AL, MSc (Med)
Lecturer	Kgasha O; MSc (Med), PhD
Senior Lecturer	Makhado NA; MSc (Med), PhD

Medical Technical Officer	Khosa XV; MSc (Med)
PostDoc	Bolukaoto J; MSc, PhD
PostDoc	Mensah E; MSc (Med), PhD

<b>Neurology</b>	
Professor/Chief Specialist	Magazi DS: MBChB, MMed (Neuro), FCP (Neuro) SA, PhD (SMU), FRCP (London)
Specialist/Senior Lecturer	Shabalala EG: MBChB (UP), FC (Neurol) SA, MMed (Neuro) (SMU)
Specialist/Senior Lecturer	Maloma MI: MBChB (UL); FC (Neurol) SA, MMed (Neuro) (SMU)
Specialist/Senior Lecturer	Mantshiu WG: MBChB (UL), FC (Neurol) SA, MMed (Neuro) (SMU)
Specialist/Senior Lecturer	Vacant
Senior Lecturer	Siganagana S: MBChB (UFS), FC (Neurol) SA
Senior Lecturer	Makgoga PT: MBChB (UL), FC (Neurol) SA
Lecturer	Hlela NR: MBChB (Wits)
Lecturer	Maleka ER: MBChB (UP)
Lecturer	Mokone AM: MBChB (Stellenbosch)
Lecturer	Daumas KB: MBChB (UL)
Lecturer	Mabasa BV: MBChB (SMU)
Lecturer	Chauke LB: MBChB (SMU)
Lecturer	Assey EV: MBChB (Kilimanjaro Christian Medical University College)
Lecturer	Vacant

<b>Neurosurgery</b>	
HoD/Chief Specialist	Lekgwara PL: MBChB, FC Neurosurg(SA), Certificate in Practical Labour Law (NMMU)
Head of Unit	Pandaram B: MBChB, FC Neurosurg(SA), BMed Sc, Dip PEC
Specialist/Lecturer	Ntimbani JA: MBChB, MMED Neurosurg (SMU)
Specialist/Lecturer	Kelly AG: MBChB summa Cum Laude, MMED Neurosurg (SMU), FC Neurosurg(SA), PhD
Specialist/Lecturer	Seroto MP: MBChB, FC Neurosurg(SA)
Specialist/Lecturer	Dube NA: BSc, MBChB, FC Neurosurg(SA)
Specialist/Lecturer	Mpanza PM: MBChB, FC Neurosurg(SA)
Specialist/Lecturer	Sadiki TO: MBChB, FC Neurosurg(SA)
Specialist/Lecturer	Pretorius AJ: MBChB, FC Neurosurg(SA)
Specialist/Lecturer	Moshokoa MB: MBChB, FC Neurosurg(SA)
Specialist/Lecturer	Tshite BA: MBChB, FC Neurosurg(SA)

<b>Nuclear Medicine</b>	
HoD/Chief Specialist	Dr Tsabedze D, MBChB (UCT), FCNP(SA), MMed (Nucl Med) (Wits), PhD (Wits)
Lecturer/Head of Unit	Gutta AA; MBChB, FCNP (SA), MMed (Nucl Med)
Lecturer/Head of Unit	Rahmani A; MBChB, FCNP (SA)
Specialist/Lecturer	More AK; MBChB, FCNP (SA)
Specialist/Lecturer	Nemutaduni PB; MBChB, FCNP (SA), MMed (Nucl Med)
Professor & Research Associate	Pilloy WJP; MBChB, FCNP (SA), MMed (Nucl Med)

<b>Obstetrics &amp; Gynaecology</b>	
HOD/Professor/Chief Clinical Specialist	Mashamba TJ; MBChB (SMU) DIP OBST (SA) MMed O+G (MEDUNSA)
Specialist/ Clinical Head of Unit	Muse ANM; MMed (SMU)
Specialist/ Clinical Head of Unit	Chokoe CJ, MMed (Medunsa)



Specialist/Senior Lecturer	Msibi TL, MMed (SMU)
Lecturer/Specialist	Ndlovu DH; MMed, (SMU)
Lecturer/Specialist	Tshepuwane C; FCOG SA)
Lecturer/Specialist	Seopa PR; MMed (SMU)
Lecturer/Specialist	Sithale, T, FCOG (SA)
Lecturer/Specialist	Mohlala N; FCOG (SA)
Lecturer/Specialist	Vacant
Lecturer/Specialist	Vacant

<b>Occupational Medicine</b>	
Snr Lecturer/Head of Clinical Unit	Mphofu OS; MBChB, AUDOH, MBL, FCPHM (SA) Occ Med, LLB, LLM
Occupational Health Controller	Vacant

<b>Ophthalmology</b>	
HoD/Adjunct Professor/Chief Specialist	Olivier JF; MRC Ophth (UK), MMed (Ophth) MEDUNSA
Principal Specialist/Head of Unit	Sebilane RKS; MBChB, MMed (Ophth) MEDUNSA
Lecturer/ Specialist	Debeila KMS; DipOphth, MMed (Ophth), FCOphth (SA)
Lecturer/ Specialist	Nkombyani L; DipOphth, MBChB, MMed (Ophth), FCOphth (SA)
Lecturer/Specialist Sessional	Stegmann RC; MMed (Ophth)
Lecturer/Specialist Sessional	Patel J; FCOphth (SA)
Secretary	Molatana RL; Dip Man Assistant (TNC)

<b>Orthopaedics</b>	
Professor/Chief Specialist (HOD)	Golele SS, MMed (Orth) (MEDUNSA), FC (Orth) (SA)
Snr Lecturer/Principal Specialist	Vacant
Snr Lecturer/Principal Specialist (HOU Trauma)	Mabasa GF, MMed (Orth) (MEDUNSA), FC (Orth) (SA)
Snr Lecturer/Principal Specialist (HOU Arthroplasty)	Ramasuvha BE, MMed (Orth) (MEDUNSA), FC (Orth) (SA)
Lecturer/Specialist	Vacant
Lecturer/Specialist	Rangoako ST, MMed (Orth) (MEDUNSA), FC (Orth) (SA)
Lecturer/Specialist	Khanyile SM, MMed (Orth) (MEDUNSA), FC (Orth) (SA)
Lecturer/Specialist	Mzayiya NL, FC (Orth) (SA)
Lecturer/Specialist	Vacant
Lecturer/Specialist	Sibanyoni J, FC (Orth) (SA)
Lecturer/Specialist	Modisane M, FC (Orth) (SA)
Professor / Senior Specialist (Sessions)	Golele R, MFGP (SA), FC (Orth) (SA) PR, MMed (Orth) (MEDUNSA)
Lecturer/Specialist (Sessions)	Morule MA, MMed (Orth) (MEDUNSA)

<b>Otorhinolaryngology</b>	
Chief Specialist/HoD	Masela R, MBChB (MEDUNSA), MMed (ORL) UL
Snr Lecturer/ Snr. Specialist	Legodi SK, MMed (ORL) (MEDUNSA)
Snr Lecturer/ Snr. Specialist	Vacant
Snr Lecturer/ Snr. Specialist	Vacant
Lecturer/Specialist	Kganyago AM, MMed (ORL) (MEDUNSA)
Lecturer/Specialist	Vacant
Lecturer/Specialist (Sessions)	Vacant

<b>Paediatric Surgery</b>	
Chief Specialist/HoD	Vacant
Emeritus Professor/Part-Time Lecturer	Van Niekerk ML, MBChB, FCS(SA), FC (Paed Surg) (SA)
Principal Specialist / HOU/ Snr Lecturer	Motloun E; MBChB, FC (Paed Surg SA, SLP (Harvard)
Snr Lecturer/Specialist	Kasakanga M-J, MBBS, FC (Paed Surg) SA
Jnr Lecturer/Specialist	Vacant
Jnr Lecturer/Specialist	Vacant
Jnr Lecturer/Specialist	Vacant
Jnr Lecturer/Specialist	Vacant
Registrar	Magwai Phuti, MBChB
Registrar	Potgieter J; MBChB
Registrar	Nakana T; MBChB
Registrar	Rambau M; MBChB
Registrar	Sischy Eliya, MBChB
Registrar	Mahlatjie M, MBChB

<b>Paediatrics &amp; Child Health</b>	
Head of Department	Mawela MPB; MBChB, FCPaed (SA), MMed (Paed)
Head of Unit	Motene AL; MBChB, MMed (Paed), FCPaed (SA), Cert Pulmonology (Paed)(SA)
Head of Unit	Mugeri MR; MBChB, MMed (Paed), Cert Critical Care (Paed)(SA)
Lecturer/Specialist	Isila BC; MBChB, FCPaed (SA), DCH (SA), MMed (Paed)
Lecturer/Specialist	Kgaabi TM; MBChB, FCPaed (SA), DCH (SA), MMed (Paed)
Lecturer/Specialist	Mabundza S; MBChB, FCPaed (SA), DCH (SA), MMed (Paed), Dip HIV Management (SA)
Lecturer/Specialist	Maphake JM; MBChB, FCPaed (SA), MMed (Paed)
Lecturer/Specialist	Maseko BG; MBChB, FCPaed (SA), MMed (Paed)
Lecturer/Specialist	Khunou K; MBChB, FCPaed (SA), DCH (SA), MMed (Paed)
Lecturer/Specialist	Mothobi L; MBChB, FCPaed (SA), MMed (Paed)
Lecturer/Specialist	Mthupha NP; MBChB, MMed (Paed), FCPaed (SA)
Snr Lecturer/Snr Specialist/Sub-Specialist	Mulamba K; MBChB, MMed (Paed), DCH(SA), Cert Development (Paed) (SA)
Lecturer/Specialist	Ngwane TW; MBChB, MMed (Paed), FCPaed (SA)
Lecturer/Specialist	Nkohane A; MBChB, MMed (Paed)
Lecturer/Specialist	Shokane KJ; MBChB, FCPaed (SA), MMed (Paed)
Snr Lecturer/Snr Specialist/Sub-Specialist	Zikalala NL; MBChB, MMed (Paed), FCPaed (SA), Cert Nephrology (Paed)(SA)
Lecturer/Specialist	Zulu VV; MBChB, FCPaed (SA), MMed (Paed)
Snr Lecturer/Snr Specialist/Sub-specialist	Vacant
Medical Technical Officer	Mabaso MA;
Medical Technical Officer	Ntate MT;
Sessions	Gwamanda P; MBChB, MMed (Paed)
Sessions	Honey EM; MBChB, MMed (Paed)
Sessions	Hoppmann UC; MMed (Paed), FCPaed (SA), Cert Nephrology (Paed)(SA)
Sessions	Lombard CC; MBChB, MMed (Paed)
Sessions	Palweni CW; MBChB, MMed (Paed)

<b>Pharmacology &amp; Therapeutics</b>	
HoD/Professor/Chief Clinical Pharmacologist	Osuch E; MD, Specialist Clinical Pharmacologist, PhD (Pharmacology, UL), ACCP (SA), FCP (ACCP), MSc (Med) Pharmacology (MEDUNSA), Dip. Fam Med (Cum Laude, UP)
Associate Professor	Van Wyk JPH; BSc (Hons), MSc (UOFS), PhD (MEDUNSA)
Specialist Clinical Pharmacologist/HoU/Snr Lecturer	Makiwane MM; FC Clin Pharm (SA); MMed (Stell), MBChB (UCT); PGDip Pharm Med (Stell); Dip HIV Man (SA)
Snr Lecturer	Ogunrombi M; PhD (Pharm Chem) (NWU), MSc (Pharm Chem), (NWU), BPharm
Associate Professor/Snr Lecturer	Rasakanya TL; MSc Pharmacology (UP), BSc Hons Pharmacology (UP), BSc Medical Cell Biology (WITS)
Lecturer x2	Vacant
Lecturer	Ndlovu T; MSc Chemistry (UL), BTech (Chem) (TUT), Nat Dip (Anal. Chem) (TUT)
Lecturer	Mokatse K; MSc Microbiology (UL), Hons Biochemistry (UL), BSc Microbiology & Biochemistry (UL)
Registrar	Mothata-Motswaledi KC; MBChB (Medunsa), MSc (Med) Clinical Pharmacology (SMU), FC Clin Pharm
Registrar	Mc Intyre K; MBChB (UP) PG Dip Medical Toxicology (Cardiff University)
Medical Officer/ Lecturer	Mmekoa ASR; MBChB (MEDUNSA), BSc Med Hons (MEDUNSA), NDip Med Tech (TUT)
Medical Officer/Lecturer	Moroane J; Dr MBChB (UL), BCur Nursing Ed & Mgmt. (Potsch), BA Cur Dip Nursing (BC of Nursing), Dip Primary Health Care Impala Plat. Nursing School)
Chief Medical Technologist	Dhlamini B; Hons Pharmacology (SMU), BSc Natural Sciences (UFS), N Dip Biomedical Technology (CUT)
Medical Technologist	Matuba M; NDip Biomedical Technology (CUT)
Snr Med Technical Officer	Sibiya JBH; Hons Pharmacology (SMU), BTech Biomedical Technology (TUT)
Snr Med Technical Officer	Vacant
Sr Med Scientist	Kgosana K; BSc (Rhodes), BSc (Hons) Chemistry (MEDUNSA), MSc & PhD (Phytomedicine) (UP), LLB (UNISA)
Med Technical Officer	Mdaka EB; BSc Biochemistry & Chemistry (SMU), BSc Hons, Pharmacology (SMU)
Laboratory Assistant	Vacant
Professional Nurse/Lecturer	Vacant
Professional Nurse	Lephogole M; M Cur Nursing Ed (UP), B Cur (MEDUNSA), Dip Nursing Ed (NMW), Dip Nursing Admin (UP), Dip Infection Prevention & Control (UFS)
Administrative Officer	Kgalema M; BTech in Business Administration Unisa.
Administrative Assistant	Sebuthuma R; Office Administration (Rosebank College)
Secretary	Masekoameng NMP, N Dip. Management Assistant (TNC)

<b>Plastic and Reconstructive Surgery</b>	
Professor / Head: Clinical Dept.	Segwapa K; MBChB, MMed (MEDUNSA)
Lecturer/Head: Clinical Unit:	Tshukudu GM; MBChB, MMed Plast Surg (MEDUNSA)
Lecturer/Specialist (Grade 3 MO)	Pholosi M; MBChB, FC Plast Surg (SA)
Lecturer/Specialist (Grade 3 MO)	Phalafala; MBChB, FC Plast Surg (SA), MMed (WITS)
Lecturer/Specialist	Vacant
Lecturer/Specialist	Vacant
Registrar	Swart SF MBChB, FC Plast,
Registrar	Potgieter T; MBChB
Registrar	Kgosi T; MBChB
Registrar	Leso-Rangwato; MBChB
Registrar	Lekalakala R; MBChB

Medical Officer	Mothiba M; MBChB
Medical Officer	Nyokana N; MBChB
Medical Officer	Nekhongoni U; MBChB
Medical Officer	Tshivhase V; MBChB

<b>Physiology</b>	
Associate Professor/HoD	Majane OHI, MSc (MEDUNSA), PhD (WITS)
Professor/Assoc Professor	Vacant
Snr Lecturer	Mokotedi, LPM, PhD (WITS) MSc (Med)(WITS)
Snr Lecturer	Zatu M, PhD (NWU), PG Dip HSE (WITS)
Snr Lecturer	Vacant
Snr Lecturer	Vacant
Snr Lecturer	Vacant
Lecturer	Mapfumari NS, Msc (Biochem) (SMU), PhD (Pharmacy) (SMU)
Lecturer	Makinta J, MSc (MEDUNSA), MPH (MEDUNSA)
Lecturer	Heyneke O, MSc (NWU), PG Dip Tertiary Ed (UNISA)
Lecturer	Ramashala Z, MSc (SMU), PG Dip HSE (WITS) Med (Higher Education Teaching & Learning)
Lecturer	Van Hoogland-Van Heerden, MSc (SMU)
Lecturer	Dibakwane WM, MSc (Med) (UL)
Senior Medical Natural Scientist	Moagi L, BSc Med Hons (UL), MSc (UL)
Senior Veterinary Technical Officer	Matsebane P, B Tech Vet Technology (TUT)
Medical Natural Scientist	Vacant
Senior Medical Technical Officer	Mogase T, BSc Med Hons (SMU), MSc (SMU)
Medical Technical Officer	Thlale D, MSc (SMU)
Control Technologist	Vacant
Administrative Officer	Mmola J, Office Admin Degree (TUT)
Secretary/Admin	De Beer A, (Secretarial Diploma) (Office Admin Cert)
Lab Assistant	Molope F
Lab Assistant	Mocheke S

<b>Practice of Medicine Integrated Programme</b>	
Programme Co-ordinator	Botha GC; MA (Psychology) (UFS), MPhil HSE (SU)
Snr Lecturer	Sukrajh V; BSc (Natal), Hons (Natal), MBChB (MEDUNSA), Dipl HIV (College of SA), MPhil HSE (SU)
Snr Lecturer	Ulzen AA; MBChB (UNZA), M Fam Med (UL), MPhil HSE (SU)
Snr Lecturer	Mnguni N; MBChB (UFS), DOH (WITS)
Snr Lecturer	Mogosetsi NJ; BSc (Hons) (Biology) (MEDUNSA), MBChB (MEDUNSA), Dip HIV (Man) (SA), MMed (Fam Med) (UL), FCFP (SA), PGDip (HPE) (UCT)
Snr Lecturer	Saidiya C; MBChB (UNILU), MMed Fam Med (UL), FCFP (SA)
Snr Lecturer	Nashed JJ; MBChB (EGT), Postgraduate Diploma TM/H (UP), MMed FamMed (SMU), FCFP (SA) (Amref Health Africa) Dip Geriatric Medicine CPD series, SA Geriatrics Society
Snr Lecturer	Adefolalu AO; MBChB (Ilorin), Dip HIV Man (SA), MPH (UWC) PhD (UNISA),
Snr Lecturer	Nyalunga SLN; B Cur (I et A), MBChB (MEDUNSA), M Med Fam Med (UL), Infection Prevention & Control Fellowship, (UP).
Jnr Lecturer	Mogotsi M;
Snr Administrative officer	Tromp S; Snr Secretarial & Admin Diploma (TUT), ICDL (SMU)

<b>Psychiatry</b>	
Head of Department/Chief Specialist	Mazibuko PS; MBChB (MEDUNSA), MMed Psych (UL), FC Psych (SA), Cert Forensic Psych (SA)
Head of Clinical Unit/Snr Lecturer	Muluvhu BM; MBChB (UFS), MMed Psych (SMU) FC Psych (SA)
Lecturer/Specialist	Dludlu SO; MBChB (UL), MMed Psych (SMU) FC Psych (SA)
Lecturer/Specialist	Senoelo KRM; MBChB (UP), MMed Psych (SMU) FC Psych (SA)
Lecturer/Specialist	Ntumbe NK; MBChB (UL), MMed Psych (SMU) FC Psych (SA)
Lecturer/Specialist	Netshilata T; MBChB (UL), MMed Psych (SMU) FC Psych (SA)
Administrative Officer	Chiloane B; BTech Office Management and Technology
Secretary	Mchunu L; BTech Office Management and Technology

<b>Psychology</b>	
Senior Lecturer	Moremi DM; PhD Psychology (SMU)
Senior Lecturer	Nganase TR; PhD Psychology (SMU)
Lecturer	van Rooyen C; MA Research Psychology (UP)
Lecturer	Mukwawaya OZ, DBA (UKZN)
Lecturer	Beets S; PhD Psychology (NWU)
Lecturer	Musetha P, MSc Psychology (SMU)
Lecturer	Mokone KF; MSc Psychology (SMU)
Lecturer	Modisane MR, MSc Clinical Psychology (SMU)
Lecturer	Masola NJ; PhD Psychology (UL)
Lecturer	Fumani HE; MSc Psychology (SMU)
Lecturer	Muila L; MSc Clinical Psychology (SMU)

<b>Urology</b>	
Adjunct Professor/Chief Specialist	Mutambirwa SBA; MBChB (Zim), MMed (Urol) (MEDUNSA), FCS (Urol) SA
Head of Unit/Lecturer	Maimela MKG; MBChB, FCS (Urol) SA
Specialist/Lecturer	Vorster AS; MBChB (Univ. of Pretoria), FCS (Urol) SA
Senior Lecturer	Radzuma MB; MBChB (UL), FCS (Urol) SA
Lecturer	Molatjane K; MBChB
Lecturer	Ramashau A; MBChB
Lecturer	Morekisi K; MBChB (UCT)
Lecturer	Von Schlichting H, MBChB
Lecturer	Pretorius J; MBChB
Lecturer	Marais TF; MBChB (Univ. Stellenbosch)
Lecturer	Ngomane NG; MBChB (UL)
Lecturer	Sikhitha MF; MBChB

<b>Virological Pathology</b>	
Associate Professor/HoD	Selabe SG; B Med.Sci (UNIN), MSc (MEDUNSA), PhD (UL)
Associate Professor	Vacant
Professor/Scientist	Burnett RJ; MPH (MEDUNSA) PhD (Medical Sciences) (Univ of Antwerp)

Principal Medical Scientist/Senior Lecturer	Lebelo RL; MSc (UL), Medical Virology and Medical Sciences (UL and Univ of Antwerp)
Lecturer/Senior Pathologist	Ramokone Maphoto. MBChB (UFS), MMED(SMU), FC Path Viro (SA), Dip in HIV Man (SA), PG Dip in Health Economics (UCT), DTM&H (Wits)
Senior Medical Scientist	Mothapo KM; MSc (UL), PhD (Medical Sciences) (Radboud Medical University)
Senior Medical Scientist	Simani OE; MSc (UL), PhD (WITS)
Medical Scientist	Magagula N, MSc (SMU)
Medical Scientist	Makua KS; BSc (WITS), BSc Hons (UP), MSc (SMU)
Medical Scientist	Makua KS; BSc (WITS), BSc Hons (UP), MSc (SMU)
Lecturer/Pathologist	Moloi MBH, BSc, BSc Hons. (UZ); MBChB (UKZN); MSc (UP), FC Path (Viro) (SA)
Registrar	Moeng KBB; MBChB (WITS), MMED (SMU), FC Path (SA) Viro, Dip (SA) HIV Man
Registrar	Malele AM; MBChB (UP)
Registrar	Lukhele PP; B. Cur [I et A] (UJ), MBChB (SMU)
Registrar	Malele AM; MBChB (UP)
Registrar	Skosana P; BSc (UZ), MBChB (UP)
Postdoctoral Fellow	Magwira C; PhD (Molecular Biology) (UCT), MSc (Applied Microbiology) (UB), BSc (Biological Sciences) UNIMA
Postdoctoral Fellow	Modise L; PhD in Biology (Medical Virology) NWU
Med Natural Scientist	Rakgole NJ; MSc (MEDUNSA); MPhil (UiB - Norway)
Senior Medical Lab Technician	Lisoga J; BSc Hons (UNIVEN)
Lab Assistant	Nkolele D; Matric
Lab Assistant	Tenza L; Matric
Secretary	Mawasha KE, Ndip Office Man & Tec (TUT), Adv Dip Business Man (MANCOSA), Postgrad Dip Business Man (MANCOSA)

## 7. GENERAL ACADEMIC RULES

### STATUTORY POWERS IN RESPECT OF ESTABLISHING GENERAL RULES FOR QUALIFICATIONS (hereafter referred to as General Rules)

The General Rules are promulgated in accordance with paragraph 32 of the Higher Education Act, 101 of 1997, as amended; with due observance to the Statute of Sefako Makgatho Health Sciences University (2016). The General Rules must be read in conjunction with the School Rules endorsed by Senate and approved by the Council.

The General Rules apply to all students at the University (including students undertaking occasional studies for non-qualification purposes or short learning programmes) regardless of the mode of delivery. In instances where there is a contradiction between the General Rules on the one hand, and academic policies and School Rules on the other, the General Rules take precedence, and shall accordingly apply.

The University reserves the right **not** to offer a particular module or course where the prescribed minimum number of students has not registered for the module or course and/or programme or qualification in question.

The General Rules contained therein are as approved by the Council, and amendments to the rules were approved by the Council in December 2020. However, the University reserves the right to revise the rules and such changes shall become binding upon the date of publication provided such changes shall not operate retrospectively to the prejudice of the students who were registered at that time.

#### Definitions of terms

- **Abstract**  
An abstract is a summary of a dissertation or thesis (or a research article, review, conference proceeding or any in-depth analysis of a subject) designed to help the reader ascertain the purpose and essence of the document.
- **Academic year**  
The academic year stretches from the date of registration at the commencement of a student's study in an academic year and terminates on the last scheduled date for registration in the subsequent calendar year.
- **Admission points score (APS)**  
A calculation based on an applicant's certified levels of achievement in the National Senior Certificate examination or equivalent.
- **Applying for admission**  
The process by which a person's personal and other data are captured on the University database but does not bestow SMU student status on an applicant.
- **Assessment**  
The process of evaluating a student's performance in a module.
- **Block release**  
A period of study that a student undertakes during a fixed time-frame over and above the normal contact period; otherwise defined as a fixed period during which part-time students resent themselves for tuition.
- **Compulsory/ancillary modules**  
A module which must be passed before a learning programme is completed.

- **Continuous assessment**

Assessment during a learning process (i.e. during the offering of the module, not merely at the end of it.) Continuous assessment contributes to the final result in a module. Continuous assessment may, but generally will not, include formative assessment.

- **Credit recognition**

The process in terms of which the Senate may grant credit towards a qualification offered by SMU to a student in recognition of prior studies completed at an appropriate level as recognised by the Senate. Credit may be granted for a module(s) towards a qualification where the student has completed (a) the module at this University; or (b) an accredited equivalent module at institution of higher learning approved by the Senate. Credits will be counted towards meeting credit required to complete a qualification from the University. Students are not required to repeat modules for which credit transfer has been granted.

Where a student has been granted credit for a prescribed module(s) and has been pre-registered for this module(s) the student is required to take initiative to drop the module(s) for which credit has been approved from the suite of modules for which he or she is to register.

(Read in conjunction with “exemption” below.)

- **Curriculum for a qualification**

The modules that a student must complete to obtain the qualification and which taken as a set lead to the requisite learning outcomes and attributes for the specific qualification.

- **Cum Laude**

A qualification obtained with distinction as defined by the rules for the qualification.

- **Discipline**

A coherent branch of knowledge and theory.

- **Dissertation**

The report submitted by a student on his or her study and research findings in fulfillment of the requirements for a master's degree. (See also mini-dissertation).

- **Distinction mark**

A final mark of 75% or more in a module.

- **Exemption**

Senate may grant an exemption from a module if the student can demonstrate learning and understanding of the content of that module through previous study and/or professional experience. Module exemptions are usually granted for compulsory modules or those, which form prerequisites for other modules. If a module exemption is granted, no credit value is assigned. This means that the exemption does not count towards the credits or module requirements for the programme. A student is required to take another module(s) to make up the credits required for fulfilling the qualification requirements. (Read in conjunction with “credit recognition” above).

- **Extended curriculum programme**

A programme where the duration is extended by one year or more beyond the minimum time for the programme.

- **External examiner**

A person who has no affiliation with the University appointed by the Senate to assess examination scripts, and/or conduct oral examinations and/or practical examinations, and/or examine a dissertation or thesis.



- **Final mark**  
The weighted combination of the continuous and summative assessment marks obtained by a student in the module weighted as determined in the syllabus for module, expressed as a percentage.
- **Formative assessment**  
Assessment that takes place during the process of learning and teaching, to inform learning. The goal of **formative assessment** is to monitor student learning to provide ongoing feedback that can be used by academic staff to improve their teaching and by students to improve their learning. A student's achievements in formative assessment will usually not contribute to the continuous assessment mark.
- **Formative assessment mark**  
The mark obtained through formative assessment in a module given to students to help them improve their learning.
- **Internal examiner**  
An academic staff member appointed by the Senate to assess a module, research report, dissertation or thesis. No person may be appointed as an examiner for a student's research report, dissertation or thesis if he or she served as supervisor or co-supervisor for the student.
- **International student**  
A student who is neither a South African citizen nor a permanent resident of South Africa.
- **Mini-dissertation**  
A report submitted by a student on his/her study and research findings in part fulfillment of the requirements for a Master's degree where the curriculum includes a mini-dissertation and one or more taught modules.
- **Module**  
A self-contained unit of study with a defined number of credits.
- **National Certificate (Vocational) admission points (VAP)**  
A calculation based on an applicant's certified levels of achievement in the school-leaving NC(V) certificate.
- **Occasional student**  
A person who:
  - Satisfies the statutory requirements for admission to the applicable formally approved qualification offered by the institution;
  - Complies with the prerequisite(s) and/or conditions of the module as specified in the school rules;
  - Is, with the dean's permission, enrolled for a module that forms part of the curriculum of a formally approved qualification; and
  - Is not registered for an approved qualification.
- **Part-time student**  
A student engaged in other occupations (such as full-time or part-time employment) and who can devote only part of his or her time to contact studies.
- **Part-time study**  
Contact studies done on a part-time basis.

- **Pass mark**  
A minimum final mark of at least 50%, or higher if so defined in the school rules and/or required by the relevant discipline's professional body, achieved in a module.
- **Prerequisite for a module**  
Specified learning that must be completed before a student may register for a given module.
- **Programme**  
A structured set of learning experiences, defined by a coherent grouping of modules that leads to a qualification.
- **Qualification**  
A degree, diploma or higher certificate granted or deferred upon successful completion of the approved programme of study for the given degree, diploma or higher certificate.
- **Recognition of prior learning**  
A formal mode of recognizing skills and competencies gained outside formal learning structures for purposes of placement or the granting of credit or exemption.
- **Registration**  
A contractual agreement annually entered into by the University and the aspirant student, which is subject to prescribed procedures and by virtue of which he or she is granted student status.
- **Research report**  
A short research report as a component of study towards completion of a qualification.
- **Rustication**  
A form of punishment, not as severe as expulsion whereby a student is suspended for a laid down period, usually for one or more years, after which he or she may return to the University.
- **Semester**  
A study period extending over half of the academic year.
- **Shelf life of a module**  
Where a student resumes registration for a qualification after a break in studies. Senate shall determine which, if any, credits he or she has previously obtained will be recognised for the qualification for which he or she is registered and may require the student to take a test in the subject, or subjects, concerned in order to make this determination.
- **Statutory registration**  
Registration with the requisite professional body.
- **Student**  
A person who is registered for a programme at SMU for the purpose of studying during a particular academic year.
- **Summative assessment**  
Assessment which integrates all learning of a module, usually at the end of the module.
- **Summative assessment mark**  
The mark obtained through summative assessment in a module.

- **Supplementary assessment**

Assessment granted to a student for purposes of assessing knowledge through the process of re-assessment.

- **Syllabus**

The content of a module, as approved by Senate.

- **Thesis**

A manuscript prepared for examination purposes, which represents a distinct contribution to the knowledge of, an insight into, a subject and provides proof of originality, either by the presentation of new facts or by the exercise of independent and critical thought, and which is presented by the student in part, or full, compliance with the requirements for a doctorate from the University.

- **Weighted average**

A weighted average percentage differs from an average percentage in that it returns a number that depends on the variables of both value and weight.

**Example:**

When a student obtains a 70% continuous assessment (semester or year) mark and a 50% summative assessment (examination) mark and the assessment ratio is 50 to 50, then the final mark is 60% calculated as  $(70+50)/2 = 60\%$ .

If the assessment ratio for a module is 60 to 40, meaning a 60% contribution from the semester or year mark and the examination mark contributes 40% to the final mark, the calculation is as follows:

70% semester contributing 60% to the final mark  $(70 \times 0.6) = 42$

50% examination contributing 40% to the final mark  $(50 \times 0.4) = 20$

Thus, the final mark is  $42+20 = 62\%$

In short where the relative contributions are 60%/40%:

Module mark = (continuous assessment percentage  $\times 0.6$ ) + (summative assessment percentage  $\times 0.4$ )

## **G1 GENERAL RULES**

G1.1 Students are personally responsible for ensuring that they are well informed regarding the General Rules and relevant school rules and that they comply with said rules.

G1.2 A prospective, or registered, student is not exempted from the general and school rules ostensibly on the basis of having been misinformed about the content of such rules. However, the Registrar may, in this regard, grant an exception of the strength of a comprehensive written justification.

G1.3 All agreements between a student and the University regarding admission and/or registration and/or campus accommodation are deemed to have been entered into in Pretoria, irrespective of where any of the parties actually signed the agreement.

G1.4 Unless otherwise indicated, expressly or by necessary implication, in the rules of a school, these General Rules apply.

G1.5 By signing and submitting the application and registration forms either on paper or electronically a student agrees to be bound by all rules, policies and decisions of the University until such time as the registration is validly terminated by the student or the University.

## **G2. ADMISSIONS**

G2.1 An applicant for admission to a degree or diploma or any other programme of learning, in any school, must comply with the conditions and meet the admission criteria that are published in terms of the rules of the relevant school. An application from a prospective student based on

- an NCV (NQF4) certificate, will be processed in accordance with the requirements for admission to a qualification as defined in the school rules.
- G2.2 The Council may refuse admission to any applicant when this is considered to be in the interest of the University.
  - G2.3 Failure upon application to divulge details of registrations at all, or any other higher education institution(s), will be handled as an unethical act of fraud.
  - G2.4 A student is required, on having been granted admission, to register online and by: signing the official registration form; and pay the prescribed fees. He or she must annually renew his or her registration and pay the prescribed fees, for as long he or she continues as a student of the University; provided that a student may be refused permission to renew his or her registration for any year of study if he or she fails to satisfy the prescribed minimum progression.
  - G2.5 A student wishing to change his or her programme of learning by transfer between schools, or by transfer to a different programme within the same school, must submit an application via the Senate and Council approved process for admission in the following academic year.
  - G2.6 A student may not renew his or her registration unless all outstanding debts have been paid in full before the commencement of the new academic year, or acceptable arrangements have been made with the Executive Director: Finance.
  - G2.7 A student refused readmission on academic grounds is advised in writing of the decision as soon as possible after publication of the final marks.
  - G2.8 A student who has failed two years in succession and who is not therefore able to complete the qualification within the maximum period specified in Rule G11, shall be refused readmission on academic grounds.

### **G3. REGISTRATION**

- G3.1 The act of registration constitutes a contractual undertaking by the person to abide by the Statute of the University and all of its rules, procedures, guidelines and codes of conduct and confers upon him or her status of a student of the University.
  - G3.1.1 The Student Code of Conduct contains a commitment by each student to respect the primary academic endeavor while registered at the University. It requires diligence in preparation for learning events and in participation in them. It is also based on respect for the rights of others, both students and staff members. Importantly, students undertake to ensure that only work that is their own will be submitted during their tenure at the University and that they will not plagiarise the intellectual property of others.
  - G3.1.2 The Academic Staff Code of Conduct contains a commitment by each academic staff member to respect the rights of each student. The Code requires diligence in creating quality learning opportunities for students and an undertaking to provide timeous, meaningful feedback aimed at enhancing the attainment of the University's published graduate attributes. Academic staff undertake to give primacy to the Scholarships of Teaching and Learning (SoTL) and to the Scholarship of Assessment.
  - G3.1.3 Where either of these Codes of Conduct, or the Disciplinary Codes of the University, or the Policy on Plagiarism are transgressed, recourse is available by the application of disciplinary procedures, or by invoking the Grievance Procedures.
- G3.2 A student may only attend lectures, tutorial, and practical and clinical components of those modules for which he or she is registered.

- G3.3 A student is personally responsible for the composition of his or her programme of study in compliance with the General Rules and the rules of the relevant school or schools concerned. When registering for each module the student must ensure that there is no clash on the official timetable and that the selected components of the programme are in accordance with the module prerequisites and the prescribed sequence and composition of modules as required for specific years of study.
- G3.4 A student may not register for a full-time qualification on a part-time basis.
- G3.5 The onus to register before the closing date resides with the student.
- G3.6 A person who has been expelled (or rusticated for a period, which is not yet completed), from another higher education institution due to serious misconduct, may not be admitted or register at this University. It is the responsibility of a person who applies for admission or registration at this University to disclose to the University any misconduct for which he or she was found guilty at another higher education institution; whether he or she was expelled or rusticated for any misconduct from another higher education institution; and the terms and duration of his expulsion or rustication from such higher education institution.
- G3.7 Upon registration, all first-time entering students, without exception, must produce  
 (a) A certified or original copy of the notification of their National Senior Certificate (NSC), National Certificate (Vocational) (NC(V)) or equivalent results on registering; and  
 (b) an original or certified copy of their NSC NC(V) or equivalent prior to the deadlines stipulated in the General Calendar.  
 Non-compliance may result in cancellation of a student's registration.
- G3.8 A student who previously studied at any other institution(s) of higher education must, prior to registration, submit an original complete study record (transcript) and a certificate of conduct from the previous institution(s) of higher education. Failure to comply with this requirement results in immediate, or subsequent, cancellation of the registration of that student.
- G3.9 Senate may, on the recommendation of the School Board, impose conditions on the registration of a student whose academic performance is at risk.
- G3.10 The University reserves the right to cancel any erroneous registration after completion of a thorough administrative enquiry.
- G3.11 In respect of concurrent registration: except by the special permission of Senate and subject to rule G12  
 a. no student shall be registered for more than one qualification at the same time;  
 b. no student shall, while registered at any other tertiary institution, be registered
- G3.12 Altered names and surnames of students have effect from the date of publication in the Government Gazette or other legal instrument, and all SMU documents issued prior to that date remain unaltered with the previous names and surname. A qualification awarded or conferred after this date shall be issued in the altered name
- G3.13 Annual registration by Masters and Doctoral students
- G.3.13.1 First time Masters students must register for their programmes by the last date as indicated in the University calendar. This rule notwithstanding, first time professional Masters students whose registration is contingent on them being appointed as Registrars by the relevant government departments or entity are allowed to register

during two openings: (i) January to March of each year and (ii) July to August of each year as indicated in the University calendar.

G.3.13.2 Continuing Masters students must renew their registration by the last date of registration of this category of students as indicated in the University general calendar.

G.3.13.3 First time doctoral students are allowed to register throughout the academic year but not later than 31 October each year.

#### **G4. ENROLMENT**

G4.1 Subject to Rules G8, G9, G10 and G11 every student must follow an approved programme of study as listed under Rule G11 or be registered as an occasional student.

G4.2 A student is subject to the qualification rules pertaining to the student's first year of registration, unless provided in Rule G4.3 where the Senate determines otherwise. Where a Rule relating to a module or a programme is amended, a student who began his or her studies under an earlier rule and has not interrupted his or her studies, may complete his or her programme under the initial rule, except where the relevant school rules determine otherwise.

G4.3 Where the Senate deems it to be in the best academic interests of currently registered students affected by such an alteration of a rule, the Senate may resolve that all students in the programme will, from the commencement of the following year, become subject to the amended rule.

G4.4. A student interrupts his or her studies when he or she:  
a) Fails to renew his or her registration in the following year of study;  
b) Fails to achieve the minimum requirement for readmission and is refused readmission;  
or  
c) Is permitted by the Senate to interrupt studies, upon prior application, for no more than one academic year.

G4.5 A student who interrupts his or her studies sacrifices the right subsequently to continue under the qualification rules pertaining in the student's first year of registration and Senate may nullify some or all the credits accumulated prior to the interruption of studies in terms of G10.

G4.6 Notwithstanding Rule G4.5, Senate may on the recommendation of the relevant school, in exceptional circumstances, permit a student who interrupted his or her studies, and under such conditions as determined by the school, to recommence his or her studies under the qualification rules pertaining in the student's first year of registration.

G4.7 Senate may, on the recommendation of the relevant school, approve a curriculum to enable a student affected under Rule G4.5 to complete the outstanding credits by drawing from components of the new Rule.

G4.8 A student who interrupts his or her studies in terms of Rule 4.4 may apply to the Senate, via the relevant school for a special dispensation, and if approved, specific conditions for re-admission may be formulated, provided that the approved outcomes of the programme remain attainable.

G4.9 Where a student's study is interrupted for longer than a year, such a student must apply anew for admission, by completing the relevant form to be considered by the School for

readmission. The School is under no obligation to readmit the student concerned and can either, subject to applicable University academic rules:

- a) Readmit the student at the same year level;
- b) Readmit the student at a year level lower than the one s/he was on at the time of interruption; and
- c) Not readmit the student, and advance written reasons to the student concerned.

**G4.10** Enrolment under programme changes:

G4.10.1 Where the rules for a programme change substantially a student shall be required to register under the new programme rules whether such a student has interrupted his or her studies.

G4.10.2 On the recommendation of the relevant school, Senate may approve interim measures to enable a student who commenced his or her studies under a previous programme, to complete his or her studies according to the current, revised programme, with the understanding that certain accumulated credits may not count.

**G5. TIMETABLES**

G5.1 A student may not select, or register for, a module which clashes with any other selected module on the official timetable.

**G6. PAYMENT OF FEES**

G6.1 All requisite student fees shall be paid annually as stipulated before or by the published deadlines and in accordance with the annual registration contract.

G6.2 A student may not renew his or her registration unless all outstanding University debts have been settled or arrangements to settle all outstanding University debts have been approved by the Finance Department.

G6.3 No certification pertaining to a student shall be released until all outstanding debts have been settled.

**G7. REGISTERING FOR MODULES FOR NON-QUALIFICATION PURPOSES**

G7.1 An occasional student may not register for any module which is a prerequisite for registration with a health profession body.

G7.2 A module taken for non-qualification purposes may only be recognised as credit bearing towards a programme where the Dean allows this, where the three-year shelf life of the module has not lapsed, and where all other admission requirements for the qualification have been satisfied

G7.3 Recognition of credits is valid for a maximum of three years, except where school rules determine otherwise.

G7.4 The fees charged for all modules taken for non-qualification purposes, are double the normal rates as occasional students do not complete qualifications and the University does not qualify for output subsidies from their studies.

- G7.5 A student who is refused readmission to a programme may not register for outstanding modules in the programme from which they have been excluded. (This Rule must be read in conjunction with Rule G2.8).
- G7.6 The limit on the number of modules that a student may complete for non-qualification purposes is subject to school rules.
- G7.7 A student who has completed a module may not register for it for a second time to improve results.
- G7.8 An occasional student does not qualify for admission to student residence.

## **G8. RECOGNITION OF MODULES FOR CREDIT OR EXEMPTION**

### **G8.1 Recognition of work completed at other institutions where a qualification has not been awarded**

- G8.1.1 Senate may grant a student exemption from class attendance, as well as formative assessment in a module by virtue of a credit obtained from another university or accredited higher education institution.
- G8.1.2 Senate may grant credit for a module or modules prescribed for a qualification by virtue of credit(s) obtained from another university or accredited higher education institution, provided that the student shall not be admitted to a qualification by the University unless:
- G8.1.2.1 His or her total period of attendance at such a recognised university or other approved higher education institution and at the University, together will equal at least the full period prescribed by the University for the qualification; and
- G8.1.2.2 He or she has successfully passed approved modules at this University as follows:
- a) For any bachelor's degree for which the period is four years or more, 50% of the modules constituting at least the final two academic years; and
  - b) For any other bachelor's degree for at least two years and for at least half the total number of credits prescribed for the qualification including those for the final year of the major subjects.

**(NOTE:** If a qualification does not specify major subjects, such subjects or combination of subjects are regarded as major subjects as are designated, for the purposes of this Rule, under the rules of the school concerned).

### **G8.2 Recognition of attendance at the Sefako Makgatho Health Sciences University**

- G8.2.1 A module is passed with a final mark of 50% or more and a student is automatically exempted from such a module for any programme at SMU for which it is prescribed; provided it has no additional practical and/or clinical component.
- G8.2.2 A student who has failed a module is required to repeat the module in full. The school concerned may, however, exempt him or her from specific attendance requirements.



## **G9. RECOGNITION OF MODULES FOR CREDIT OR EXEMPTION**

G9.1 The Senate may, on the recommendation of the dean of a school, grant a person exemption from and/or credit(s) for work done in a prior qualification-whether obtained at this University or elsewhere- with a view to taking another qualification provided that:

- G9.1.1 No more than 50% of the credits may be transferred for the completed qualification(s) and credited to another qualification;
- G9.1.2 A maximum of 25% of the credits accrued at the highest NQF Level in prior completed qualification(s) may be recognised for the new qualification;
- G9.1.3 At least 50% of the credits for the new qualification must be completed at the University while registered for the new qualification; and
- G9.1.4 These concessions do not apply to admission to a postgraduate qualification in the same school.

## **G10. RETENTION OR LOSS OF CREDITS**

G10.1 When a student has interrupted his or her studies at the University and wishes to resume his or her studies after a period that exceeds the shelf life of some or all modules previously successfully completed, Senate may, on the recommendation of the school, nullify the credits thus earned or any exemption or recognition granted from a qualifying module. Such a student, if readmitted, must then repeat the module, or an alternative module, to master the changed content.

G10.2 A student, who interrupts his or her studies, may retain the credits for each module passed only for the following maximum, periods stated in this Rule, unless school rules determine otherwise, and provided that the total duration of permitted study for the qualification as delineated in Rule G11 has also not already been exceeded:

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

## **G11. DURATION OF STUDY**

G11.1 Subject to the stipulations in Rules G8.1 and the provision of Rule G12, every student at the University registered in one of the qualifications listed in this Rule follows an approved programme of study as prescribed by the Rules. Each study programme with minimum qualification completion time N (refer to respective school calendars) shall have maximum duration of N+2. This shall apply to all qualifications including:

- Undergraduate Bachelor's Degrees
- Undergraduate Extended Degrees
- Undergraduate Professional Degrees
- Honours Degrees
- Master's Degrees
- Professional Master's Degrees
- Doctoral Degrees

All qualifications with a minimum duration of 1 year shall have a maximum duration of N+1:

- Undergraduate Diplomas and Certificates
- Honours degrees
- Postgraduate Diplomas

- G11.2 Senate may recognise periods of attendance as a registered student at another university or institution approved for the purpose by the Senate as part of the prescribed period of attendance for a bachelor's degree at SMU
- (a) in respect of a recognised module, or an equivalent approved for the purpose by Senate;
  - (b) provided that upon application the prospective student has submitted a full, official academic record and a certificate of attendance and good conduct issued by such a university on or before the closing date for application for admission to this university.
- G11.3 A part-time student may extend the maximum period of registration set out in G11.1 by one year.
- G11.4 The duration of all extended degree programmes is one year longer than the corresponding standard degree programme. Such programmes may contain prerequisite, non-credit bearing modules.
- G11.5 Senate may permit a student to register for a longer period than defined in G11.1 where the Senate considers that exceptional circumstances exist.
- G11.6 Senate may on application by the student, supported by the supervisor allow a longer period of registration for a postgraduate degree than the maximum defined in Rule G 11. 1 where a research programme requires this.

## **G12. CHANGE OF PROGRAMMES AND SIMULTANEOUS REGISTRATION FOR TWO OR MORE MODULES**

- G12.1 Changes from one programme to another and/or from one school to another are subject to approval of the school or the schools concerned. (See Rule G2.5).
- G12.2 A student
- (a) may not, except with the permission of the Senate, register for a qualification simultaneously with another qualification at either undergraduate or postgraduate level, at this or any other university;
  - (b) who has not completed the prerequisite bachelor's degree or equivalent qualification, may not register for a postgraduate qualification.
- G12.3 Where Senate allows concurrent registration for more than one qualification
- (a) the student must comply with all the prerequisites and applicable Rules; and
  - (b) the onus is on the student to ensure that there are no clashes on the standard lecture and assessment timetables.
- G12.4 Should it become known that a student of this University has registered in contravention of Rule G12, the Registrar may terminate his or her registration with immediate effect.

## **G13. ASSESSMENT**

- G13.1 Assessment of students must conform to the University's Assessment Policy.
- G13.2 Exemption from assessment events may only be granted where school rules allow this.
- G13.3 No assessment event that contributes to the continuous assessment mark may be scheduled after the summative assessment period commences.
- G13.4 No further assessment is granted after the student has had the benefit of a full assessment cycle, comprising standard, and supplementary or deferred assessment, as applicable.
- G13.5 Only students who have settled all their financial obligations in the academic year receive their final assessment results.
- G13.6 Senate may permit a deviation from the standard assessment procedure in terms of Rule G18.

## **G14. SUMMATIVE ASSESSMENT**

- G14.1 To be admitted to summative assessment for a module, a student must have:

- G14.1.1a continuous assessment mark of at least 40% in the module;
  - G14.1.2 evidence of class attendance of 75% as a minimum requirement in planned formal contact sessions as determined by school rules, unless the school rules stipulate a higher requirement, except where rule G8.2.2 applies; and
  - G14.1.3 in clinical disciplines, met the minimum clinical requirements as determined by the school rules.
- G14.2 Summative assessment occurs as scheduled and published in each assessment timetable, unless the rules of the school determine otherwise.
- G14.3 Summative assessment in a module will normally be written and/or oral and/or clinical assessment, or an approved alternative assessment procedure as determined in the school rules.
- G14.4 For every final-level summative assessment of the module, the Senate must appoint one or more external examiners in the manner defined in the Assessment Policy.
- G14.5 When calculating the final mark for a module, the contribution of the continuous and the summative assessment mark is 60:40, unless otherwise specified in the school rules.
- G14.6 Irrespective of the final mark calculated in terms of Rule G14.5 a student:
- G14.6.1 who does not obtain at least 40% in the summative assessment fails the course and will be given the lesser of his or her calculated mark or 49% as a final mark; and
  - G14.6.2 a student taking a clinical module who does not obtain at least 50% (or more where the school rules and/or the professional body prescribes this) for the clinical component fails the course and will be given the lesser of his or her calculated mark or 49% as a final mark.

## **G15. SUPPLEMENTARY ASSESSMENT (FOR UNDERGRADUATE STUDIES ONLY)**

- G15.1 A student who obtains a final mark between 45% and 49%, both inclusive, may complete a supplementary assessment in the module concerned, provided that where clinical prerequisites require a sub-minimum, the clinical requirements dictate an appropriate adjustment and must be published in the school rules.
- G15.2 If the calculated mark achieved in a module is 50% or more, but the summative assessment mark is below 40%, the student may complete a supplementary assessment provided that where clinical prerequisites require a higher sub-minimum, the clinical requirements dictate an appropriate adjustment and must be published in the school rules.
- G15.3 The form of a supplementary assessment must mirror that of the summative assessment and the assessment must be similar in nature and depth; provided that a school rule may stipulate that the supplementary assessment take the form of an oral assessment. In such an instance, the assessor(s) must make a digital sound recording of the oral assessment whether the moderator is present. The recording must be safely stored for the same period that written papers are retained after the assessment process is concluded.
- G15.4 Unless otherwise resolved by Senate, supplementary assessment is flexibly arranged by the discipline practitioners within the period allowed by the Senate, provided that it must occur at least ten days before the commencement of the subsequent semester.
- G15.5 The calculation of the final mark following a supplementary assessment will follow the ratio used after the summative assessment, with the supplementary assessment mark substituting for the

summative assessment mark: provided that where the supplementary mark is lower, the summative mark is retained. In supplementary assessment the student must obtain at least 40% and a final mark of 50% or more to obtain a pass mark: provided that in the case of clinical prerequisites that require a higher sub-minimum, the clinical requirements dictate an appropriate adjustment and must be published in the school rules. The maximum final mark allocated can only be 50% to reflect the student's failure to pass in the first instance.

#### **G16. DEFERRED SUMMATIVE ASSESSMENT**

- G16.1 Senate may grant a deferred summative assessment opportunity to a student who has been prevented from taking the assessment by illness, on the day of the assessment or during or immediately before that assessment; provided that a medical certificate from a registered medical practitioner, or registered traditional healer, is submitted to the satisfaction of the school: provided further that the condition diagnosed is not a chronic nor repetitive inflection which can be avoided or controlled by medication or other appropriate intervention: and provided further that when the onset of the illness occurs sufficiently prior to the assessment, application for deferment on the required application form accompanied by the medical certificate is submitted to the stipulated office, prior to the day of the assessment.
- G16.2 Senate may grant a deferred summative assessment opportunity to a student who has been prevented from taking the assessment as a consequence of domestic circumstances such as serious illness, or death of a spouse, legal partner, parent, guardian, child or sibling: provided that the student can produce satisfactory proof of such special circumstances.
- G16.3 Senate determines whether the whole or only part of the summative assessment in the module concerned must be undertaken in a deferred assessment.
- G16.4 Where a student is permitted to complete part of the assessment, any other part of the assessment already completed before the illness or relevant circumstance(s) remains valid and will contribute proportionately to the final mark.
- G16.5 A deferred summative assessment may be scheduled immediately after the cessation of the circumstances that prevented the student from taking part in an assessment or must otherwise normally occur within seven days of approval.
- G16.6 A student who fails to participate in a deferred summative assessment will not be granted a further deferment in the same module, and shall re-register for such a module, unless another rule precludes such re-registration.
- G16.7 Applications for deferred summative assessment if not submitted prior to the date of assessment must be submitted within seven days of the date on which the assessment was held.
- G16.8 Applications for deferred assessment must be submitted on the prescribed form.

#### **G17. SPECIAL SUMMATIVE ASSESSMENT (FOR UNDERGRADUATE STUDIES ONLY)**

- G17.1 Senate may grant a special summative assessment to a student
  - (a) in the final year of study for a qualification;
  - (b) who has completed all but one of the modules for the qualification;
  - (c) who, having failed one module but obtained at least 40% in the summative assessment: provided that
    - (i) the module failed is not a clinical module; and

- (ii) the assessment opportunity occurs before the commencement of the subsequent academic year.
- G17.2 Senate determines whether the whole or only part of the summative assessment in the module concerned must be undertaken in a special assessment.
- G17.3 Where a student is permitted to complete part of the assessment as a special assessment, any other part of the assessment already completed before the illness or relevant circumstance(s) remains valid and will contribute proportionately to the final mark.
- G17.4 A student who fails to participate in a special summative assessment forfeits further assessment in the same module, and must re-register for such a module, unless another rule precludes such re-registration.
- G17.5 Applications for special summative assessment must be submitted within seven days of the publication of results and must be submitted on the prescribed form to the Dean of the School.

#### **G18. DEVIATION FROM STANDARD PROGRAMME TIME LIMITS**

- G18.1 Senate may, in circumstances deemed by it to be extraordinary, and on the recommendation of the head of the department concerned, grant a student extra time for assessments. Such circumstances include visual impairment, a writing disability, extremely slow writing by a student (for written assessments) or, in an oral assessment, stuttering or any other comparable condition.
- G18.2 Students seeking extra time in terms of this rule must register with and apply to Senate through the Disability Unit, for approval at the first Senate meeting of each year and preceding summative assessment.

#### **G19. ASSESSMENT FRAUD AND DISHONESTY**

- G19.1 Any allegation of dishonesty in any assessment, or breach of examination rules or contravention of the Code of Conduct will be dealt with in terms of the Student Disciplinary Rules.
- G 19.2 A student charged with alleged assessment fraud, or dishonesty in examinations, must appear before a Student Disciplinary Committee within four weeks of being charged.
- G19.3 Plagiarism is viewed as assessment fraud. Any material that is presented for any form of assessment, where plagiarism is evident, may be used as evidence in disciplinary proceedings.
- G19.4 A student who presents a fraudulent medical certificate in respect of any assessment will be subject to the disciplinary processes.
- G19.5 Marks obtained in assessment events in all modules, for which the student involved is registered, are withheld pending the outcome of the disciplinary hearing.

#### **G20. ASSESSORS, EXAMINERS AND MODERATORS**

- G20.1 Students are assessed in all modules by internal and/or external assessors from the same or cognate disciplines in the manner defined in the assessment policy and in keeping with the practice as determined by each school. The adopted practice must meet the requirements of the relevant professional body. The use of external moderators, for undergraduate assessments, particularly for final-year major modules, and of external assessors for postgraduate assessment, assures quality.

G20.2 Internal assessors and moderators, from the same or cognate disciplines, who have not taught the modules, are nominated by the department concerned for approval by the school and are normally academic personnel who have not taught the students for the module concerned.

G20.3 External assessors and moderators are appropriately qualified academic professionals from the same or cognate disciplines and employed elsewhere, who are nominated by the school for appointment by the Senate, if such annually-consecutive appointments are limited to a three-year cycle; a previous appointee qualifies for reappointment after at least a three-year break.

## **G21. DISTINCTION IN A MODULE**

G21 A module is passed with distinction when a final mark of 75% or more is obtained after the initial summative assessment or after a deferred summative assessment.

## **G22. FAILURE IN A MODULE**

G22.1 A student fails a module if:

- (a) he or she does not fulfill all the requirements in the module concerned;
- (b) he or she does not meet the stipulated sub-minimum requirements for any components of the summative assessment; or
- (c) his or her final mark is less than 50%.

G22.2 Subject to the provisions of Rules G2.8, a student shall not be permitted more than two attempts at passing a module even when such a student changes his or her qualification programme.

### **G22.3 Condoned pass**

G22.3.1 The School Examination Committee concerned may grant a condoned pass to a student under the following conditions:

- a. A condoned pass permits a student to gain credit for a completed module, which s/he failed where the final mark for the module is no less than 48% and a sub-minimum of 40% in the examination or final assessment has been achieved.
- b. A student in question must have passed all other modules except for the module for which a condoned pass is to be considered;
- c. A condoned pass must be reflected as 50% on the student's academic record, provided that an inscription will indicate that it is condoned pass;
- d. Condoned passes shall be permitted for the purposes of graduation in one of the programmes/modules only.

G22.3.2 The student concerned shall not be considered for a condoned pass in a module, if:

- a. S/he has been found guilty by a School Disciplinary Committee of the University for any offence in the same academic year; or
- b. S/he has a history, in the exclusive opinion of School Examination Committee, of not attending lectures, tutorials, laboratory sessions or clinical sessions.

## **G23. VIEWING AND REMARKING SCRIPTS**

G23.1 A student may view his or her summative assessment script together with the marking memorandum, to satisfy himself/herself that there are no errors in addition of marks or sections not marked. Viewing is done under the supervision of a responsible person appointed by the dean, provided that a request to do so is submitted to the head of the department within ten working days of publication of the results, excluding days on which SMU is closed. A

department may as an alternative offer a student a scanned or photocopied copy of the script and may charge a reasonable price for this to cover the cost of photocopying. Should an error be discovered when viewing a marked script, corrections and rectification of omissions of marks will be approved by the Dean based on the recommendation by the Head of Department.

- G23.2 A student may apply in writing to the Dean for re-marking of an examination script. Such an application should be lodged by:
- Completion of the prescribed form within ten working days of publication of the results and in accordance with the General Academic Rules of the University.
  - Payment of the applicable fee as determined by the University from time to time.
  - If permission is given, the Head of Department will arrange for re-marking of the script. Should there be any change in a student's mark as a result of script re-marking and the student should have qualified for a supplementary examination:
    - A supplementary examination will be arranged at the time approved by the Dean based on the recommendation by the Head of Department., in consultation with the Registrar, within 10 working days after the outcome of remarking.
    - The fee shall be refunded if the remarking causes an improvement in the results.
    - The existing mark becomes null and void and the student's final mark for the module shall be determined by the outcomes of the re-marking process.
- G23.3 Summative assessment scripts and recordings of oral and clinical assessments, shall be kept, in the manner prescribed in the published assessment procedures, for two years and then shredded or, in the case of recordings or oral assessments, disposed.

## **G24. AWARDING OF QUALIFICATION**

- G24.1 A qualification, other than an honorary degree, may not be conferred or awarded to any person unless he or she has fulfilled all requirements prescribed by the Rules for the qualification.
- G24.2 Senate may award a qualification other than a doctoral degree "with distinction" (*cum laude*);
- G24.3 The award of a qualification "with distinction" (*cum laude*) is subject to the following:
- G24.3.1 the qualification must be completed within the **minimum** prescribed period;
- G24.3.2 the student must have obtained 75% calculated as a weighted average percentage over all modules for which the student was registered and which contributed to the completion of the programme; and
- G24.3.3 the student has complied with any additional criteria prescribed by school rules.
- G24.4 Notwithstanding any other provision, Senate may on the recommendation of the School Board, award a Higher Certificate, Diploma or Degree posthumously if the student had already complied with all the requirements of the qualification concerned before passing away.

### **G24.5 Permission to complete the qualification by obtaining credits elsewhere**

- G.24.5.1 Senate may, on the strength of the motivation by the Dean, and if it considers fit, permit a student who has only one or two modules of the total number of prescribed modules outstanding for a qualification who satisfies the Senate that by reason of change of residence or for some other good or sufficient cause, he or she is unable to continue attending at the University.
- G24.5.2 The student concerned can request to complete the outstanding module(s) at another University or at an institution recognized for this purpose in South Africa or outside the Republic of South Africa. The University reserves the right neither

to confer any degree nor award any qualification to a student of the University who has outstanding university debts.

G24.6 The University reserves the right to withdraw any qualification that was awarded erroneously after completion of a thorough administrative enquiry.

G24.7 The University reserves the right neither to confer any degree nor award any qualification to a student of the University who has outstanding University debt.

## **G25. ADMISSION TO POSTGRADUATE STUDIES**

G25.1 A candidate may not register for a postgraduate qualification unless he or she holds a bachelor's degree, except where a school rule permits otherwise.

G25.2 A student wishing to interrupt his or her studies must apply in advance for permission from the Senate to do so.

## **G26 LIMITATION ON THE ACTIVITY OF A STUDENT FOR REASONS OF ILL HEALTH**

**G26.1** The Registrar is entitled to investigate the physical or mental health of any student where he or she, on the advice of the Dean, considers it necessary in the interest of the student or in the interest of the University. In carrying out the investigation, the Registrar may require the student to obtain a medical report from, or to submit to examination by, a suitably qualified medical practitioner or psychologist acceptable to the Registrar. The University shall be responsible for any costs incurred in the course of such an investigation.

G26.2 Whenever the Registrar has a reasonable grounds to believe that a student is or may become a danger to herself or to any other person, or may cause damage to herself or himself or to any other premises occupied or under the control of the University, he or she may, in consultation with the Vice-Chancellor, place limitations on the presence or activities of that student on the University premises and the student is required to observe those limitations. Without prejudice, the Registrar may prohibit the student from:

26.2.1 Entering the precincts, or any specified part of the University, including a University controlled or University owned residence

26.2.2 Attending any lectures or any specified lectures, laboratory, clinical session or other classes or activities, whether academic or non-academic.

G26.3 A student concerned is entitled to make representation to the Vice-Chancellor to review any limitation imposed by the Registrar

G26.4 The Vice-Chancellor, at any time, may investigate the matter and having considered the representations made by the Registrar or the student concerned, may confirm, alter or set aside any limitations imposed.

G26.5 Any action taken under this rule must be pertinently reported to the next meeting of Senate and Council or the Executive Committee of Council.

## **G27 Condonation of breach of rules**

G27.1 Senate may, with retrospective effect, condone any breach of the academic rule governing a curriculum if it is satisfied that the student concerned was not at fault and would suffer undue hardship if the breach were not condoned.



## 8. GENERAL RULES FOR BACHELOR'S DEGREES

### Registration

- GB1 A person may not register as a student for a bachelor's degree unless he or she is in possession of
- (a) A National Senior Certificate (NSC) or Senior Certificate (amended) (SC(a)) endorsed by Umalusi as having met the minimum requirements for admissions to bachelor's degree study or
  - (b) Higher Certificate or a Diploma awarded by a South African higher education institution accepted by the Senate where applicable; or
  - (c) an equivalent South African certificate with university entrance or exemption; or
  - (d) a Certificate of Full Exemption from the Matriculation Board/IEB.

### Limitation on enrolment for modules

- GB2 Where the school rules for a fixed curriculum apply, and where a student fails, in the first semester, to complete prerequisites for access to a second semester module, registration for the second semester module will be cancelled.

- GB3 The following limitations on enrolment for modules at subsequent academic levels apply unless otherwise determined by school rules:

GB3.1. *Second year level registration*

Subject to specific module prerequisites, a student may take any module at an academic second-year level if he or she has obtained at least 50% (in Oral Health 75%) of the total credits prescribed at academic first-year level.

GB3.1.2 *Third-year level registration*

A student may take any module at an academic third-year level if he or she has obtained 100% of the total credits prescribed at first-year level, and at least 50% of the total credits prescribed at second-year level and has completed the prerequisite for the third-year level courses he or she wishes to take.

GB3.1.3 *Fourth-year level registration*

A student may take any module at an academic fourth-year level if he or she has obtained 100% of the total credits prescribed at second-year level and at least 50% of the total credits prescribed at third-year level and has completed the prerequisite module(s).

GB3.1.4 *Fifth-year level registration*

A student may take any module at an academic fifth-year level if he or she has obtained 100% of the total credits prescribed at third-year level and at least 50% of the total credits prescribed at fourth-year level and has completed the prerequisite module(s).

GB3.1.5 *Sixth-year level registration*

A student may take any module at an academic sixth-year level if he or she has obtained 100% of the total credits prescribed at fourth-year level and at least 50% of the total credits prescribed at fifth-year level and has completed the prerequisite module(s).

- GB4. Academic year status (Progression)

GB4.1 *Academic second-year status*

A student must have obtained credit for all credits required for the first year according to the applicable school rule before being admitted to second-year status and must be registered for the modules prescribed for the second year.

**GB4.2 *Academic third-year status***

A student must have obtained credit for all credits required for the first and second years according to the applicable school rule before being admitted to third-year status and must be registered for the modules prescribed for the third year.

**GB4.3 *Academic fourth-year status***

A student must have obtained credit for all credits required for the first, second and third years according to the applicable school rule before being admitted to fourth-year status and must be registered for the modules prescribed for the fourth year.

**GB4.4 *Academic fifth-year status***

A student must have obtained credit for all credits required for the first, second, third and fourth years according to applicable school rule before being admitted to fifth-year status, and must be registered for the modules prescribed for the fifth year

**GB4.5 *Academic sixth-year status***

A student must have obtained credit for all credits required for the first, second, third, fourth and fifth years according to the applicable school rule before being admitted to sixth-year status and must be registered for the modules prescribed for the sixth year.

**GB5. RENEWAL OF REGISTRATION**

GB5.1 A full-time student, who, after having been registered for a full academic year has failed to accumulate any credits, may be refused readmission in the following year.

GB5.2 A full-time student who has been registered for a qualification at a specific academic-year level for two years and has failed to obtain the requisite credits at that academic-year level may be refused readmission in the following year.

GB5.3 A student who was refused readmission in terms of Rule GB4.1 or GB4.2 may only apply for readmission after having obtained the outstanding credits recognised by this University as equivalent, from another accredited institution of higher learning, and must provide evidence acceptable to the Senate that he or she has rehabilitated himself or herself.

GB5.4 A full-time student who has been continuously enrolled for a period of two years in excess of the minimum period of attendance for a bachelor's degree as stipulated under Rule G11 and is also not in a position to complete his or her study programme if granted one more additional year under rule G11.5, may be refused readmission.

GB5.5 A student who was refused readmission in terms of Rule GB4.4, may apply for readmission for purposes of degree conferment only if

- (a) if permission was granted in advance by the dean of the relevant school for all the outstanding credits for the qualification to be obtained from another accredited institution of higher learning;
- (b) The student has subsequently obtained these credits; and
- (c) subject to the stipulations under Rule G8.

GB5.6 A student who has been expelled or is still excluded during the laid-down period of rustication from another institution, may not register at this University.

**GB6. REGISTRATION IS A PREREQUISITE FOR TAKING A COURSE**

GB6.1 A student who fails to register in a given year may not pursue his or her studies in any course in that year.

## 9. ASSESSMENT RESULT CODES

Result code	Description	Applicable to	PASS/ FAIL
F1	Failed	Subject/ Module	F
F2	Failed - Supplementary granted	Subject/ Module	F
F3	Failed subminimum, Supplementary granted	Subject/ Module	F
F5	Failed supplementary	Subject/ Module	F
F6	Continuing RESEARCH subject/ module (applicable to M & D's)	Subject/ Module	F
F7	Infringement of examination rules	Subject/ Module	F
F8	Deferred exam granted	Subject/ Module	-
F9	Investigation pending	Subject/ Module	-
FA	Failed, no exam admission	Subject/ Module	F
FC	Failed Clinicals	Subject/ Module	F
FD	Dissertation outstanding	Subject/ Module	F
FE	Failed, re-exam in Clinicals granted	Subject/ Module	F
FH	Failed, qualify for supplementary/ deferred exam	Progression/ Annual result code	F
FK	Academically excluded from the University	Progression/ Annual result code	F
FP	Not promoted	Progression/ Annual result code	F
FQ	Repeat block	Subject/ Module	F
FR	Failed subminimum	Subject/ Module	F
FS	Failed special exam	Subject/ Module	F
FT	Absent from class	Subject/ Module	F
FX	Failed, Absent from exam		F
P1	Passed	Subject/ Module	P
P2	Passed with distinction	Subject/ Module	P
P3	Credit Granted	Subject/ Module	P
P4	Passed supplementary	Subject/ Module	P
PA	Qualification Awarded	Progression/ Annual result code	P
PC	Qualification awarded Cum-laude	Progression/ Annual result code	P
PG	Qualify to graduate	Progression/ Annual result code	P
PH	Qualification awarded Posthumous	Progression/ Annual result code	P
PP	Promoted	Progression/ Annual result code	P
PS	Passed special exam	Subject/ Module	P
PZ	Continuing qualification	Progression/ Annual result code (M & D's) plus Dean approved cases.	P

Black - result codes captured by the School Administrators against a subject/ module after summative assessment.

Blue - result codes captured by Assessment & Certification Office to determine annual progression as advised by Examination Committee.

## 10. STUDENT CODE OF CONDUCT

### PREAMBLE

In order to develop and maintain harmonious relationships not only among all members of the University community but also between the University and the public, and to further encourage mutual respect, responsibility and the promotion of the University values in particular and national values in general, and to ensure the integrity of the academic processes of the University, Students are required and expected to:

- (a) conform to the Student Code of Conduct and Student Disciplinary Procedure;
- (b) maintain and enhance the good name of the University; and
- (c) maintain order, discipline, safety and security at the University, and the effective and efficient advancement of all activities of the University.

Both the Student Code of Conduct and Student Disciplinary Procedure shall apply to and bind all Students, and they have been adopted by the Council as institutional rules as contemplated in the Higher Education Act, 1997 (Act No. 101 of 1997) and the Institutional Statute of the University. Students shall also conduct themselves at all times in such a way that is consistent with the pursuit of the University's mission and vision.

The Student Code of Conduct and Student Disciplinary Procedure promote a fair and lawful adjudication of disciplinary matters involving Students, and the imposition of suitable disciplinary measures. The processes and measures imbedded in the Student Code of Conduct and Student Disciplinary Procedure are aligned with the institutional aspiration to maintain the University as a safe place for teaching and learning, and its commitment to initiate and finalise student disciplinary cases as soon as practicably possible.

### S.2.1 DEFINITIONS

2.1.1 In the Student Code of Conduct and Student Disciplinary Procedure:

**“Appeals Committee”** means the University's Appeal Disciplinary Committee appointed as such to adjudicate over appeals lodged by a Student against the decisions of any Disciplinary Committee;

**“Code”** means the Student Disciplinary Code as approved by the Council;

**“Complaint”** means an allegation of Misconduct that is brought to the attention of the Registrar in terms of the Disciplinary Procedure or through other measures implemented within the University;

**“Council”** means the Council of the University constituted as such in terms of the Act;

**“Day”** means any day between Monday and Friday, excluding Saturdays, Sundays and public holidays in South Africa;

**“Disciplinary Procedure”** means the Student Disciplinary Procedure as approved by the Council;

**“Disciplinary Committee”** means the University's Student Affairs Disciplinary Committee or Schools Disciplinary Committee constituted in terms of the Disciplinary Procedure;

**“Misconduct”** means a breach/contravention of the Code, Disciplinary Procedure or Rule by a Student;

**“Registrar”** means the Registrar of the University or his/her authorised representative, or any person acting for a time being in that capacity;

**“Rules”** means the collective term for the policies, protocols, Code, Disciplinary Procedure, regulations and directives of the University as approved by the Council, the Senate or any other authorised body of the University, or by any official or employee of the University with the appropriate delegated authority;

**“SRC”** means the Student Representative Council;

**“Statute”** means the Sefako Makgatho Health Sciences University Institutional Statute, 2016 published in Government Notice 1220 in Government Gazette 40334 of 07 October 2016, as amended or its replacement;

**“Student”** means any person registered as a student at the University;

**“the Act”** means the Higher Education Act, 1997 (Act No. 101 of 1997);

**“University”** means the Sefako Makgatho Health Sciences University; and

**“Vice-Chancellor”** means the person appointed as such by the Council in accordance with the provisions of the Act, Statute and Rules, or any person acting for a time being in that capacity.

2.1.2 The Code and Disciplinary Procedure are subject to the Act and/or Statute.

2.1.3 Any matter in the Code and/or Disciplinary Procedure which is also provided in the Residence Policy, shall, if steps have been initiated under the Residence Policy be completed under the Residence Policy unless it is determined by the official responsible for Student Affairs and Residences, in consultation with the Registrar, that such a matter should be dealt with in terms of the Code and/or Disciplinary Procedure.

## **S.2.2. THE STUDENT CODE OF CONDUCT**

2.2.1 The Code shall include the following specific Student responsibilities, the:

2.2.1.1 recognition that the intellectual and educational climate of the University be maintained as its University’s highest priority mandate;

2.2.1.2 protection of the opportunity for each Student to attain his/her educational objective without whatever form of disruption;

2.2.1.3 protection of the physical and mental health, safety and welfare of each member of the University and the general community at large;

2.2.1.4 protection of the property rights of all members of the University and the general community; and

2.2.1.5 respect for the human rights of members of both the University and the general community.

## **S.2.3. ACCEPTANCE OF JURISDICTION**

2.3.1 Each Student shall be bound by the Code, Disciplinary Procedure and the Rules upon admission to or attendance at the University. It is the responsibility of each Student to know and comply with the Code, Disciplinary Procedure and Rules of the University.

- 2.3.2 Any violation of the Code, Disciplinary Procedure or the Rules shall be subjected to appropriate disciplinary procedures.
- 2.3.3 A decision to invoke internal disciplinary proceedings shall not preclude or delay the prosecution of the student concerned in criminal and/or civil proceedings.
- 2.3.4 Each Student shall be bound by all laws applicable or relevant to properties under the control of the University or which the University is associated with or has interests in.
- 2.3.5 Each Student shall be bound by all other Rules approved by Council for the good governance of the University.
- 2.3.6 Each Student shall comply with whatever action brought against him/her by the relevant University authority.
- 2.3.7 The deregistration, discontinuation/interruption of studies or any similar act shall not oust the University's right to pursue a Misconduct case against a Student when he/she resumes her studies.

#### **S.2.4. ACT OF GENERAL MISCONDUCT**

- 2.4.1 General Misconduct by a Student shall, amongst others, include:
  - 2.4.1.1 improper, disorderly or indecent behaviour towards a Student, a member of staff, a contractor of the University, or a member of the public on any premises of the University or any other place which is associated with the University or the University has interests in, or at a University function or activity (at any location) or in circumstances where he or she represents or may be seen to represent the University, or may be identified as a Student of the University;
  - 2.4.1.2 any violation of the privacy of another Student including but not limited to the unauthorized scrutiny or examination of his or her possessions;
  - 2.4.1.3 being in possession of another person's property without his or her authority;
  - 2.4.1.4 interfering with or hindering any business and/or activities of the University;
  - 2.4.1.5 threatening or attempting to threaten the rights of another Student to attend lectures, practicals, research, reading centres or any other facility which is associated with teaching, learning, and/or research;
  - 2.4.1.6 any failure to report the Misconduct of another Student of which he or she is aware, or which he or she has witnessed;
  - 2.4.1.7 convening or participating in any unauthorized demonstrations on the University premises or any such property where the University has interests;
  - 2.4.1.8 failure or neglect to carry the University student card or other University identification document (i.e. valid proof of registration plus an Identity Book) or refusal to furnish such when requested to do so by a competent University authority;
  - 2.4.1.9 allowing another Student or any other person to use one's Student card or to use another Student's card to gain access to any room and/ or premises of the University or to perform or obtain any service that cannot be performed or obtained without such a card;

- 2.4.1.10 refusal, failure and/or negligent to subject himself/herself to the approved disciplinary processes of the University, including being summoned by a Disciplinary Committee or the Appeals Committee;
- 2.4.1.11 refusal, failure and/or negligent to comply with any decision of or disciplinary measure imposed on him/her by a Disciplinary Committee or the Appeals Committee;
- 2.4.1.12 assist, or attempts to assist, or encourages another Student to commit an act which constitutes Misconduct;
- 2.4.1.13 without any written authorization by the University's head of security or such other person accountable for the provision of security services within the University, or such other authorised person as may provide the required authorization at University controlled premises, or premises in which the University is associated with or has interests in:
  - 2.4.1.13.1 brings on the premises of the University, University controlled premises, or premises in which the University is associated with or has interest, a firearm, other dangerous weapon, fuel that cannot reasonably be shown to be required for the operation of a motor vehicle or any explosive device;
  - 2.4.1.13.2 allows or arranges for a firearm, other dangerous weapon, fuel that cannot reasonably be shown to be required for the operation of a motor vehicle or any explosive device to be brought onto or stored on the premises of the University, University controlled premises, or premises in which the University is associated with or has interest;
- 2.4.1.14 in contravention of the provisions of South African law or a Rule of the University, unlawfully possesses, distributes, buys, sells, uses, and/or is under the influence of a dependency-inducing substance (including but not limited to any drug as defined in section 1 of the Drugs and Drug Trafficking Act, Act No 140 of 1992 or any statute that amends or replaces it) while on University or University-controlled premises or at a University-related function or activity at any location or in circumstances where the Student represents or is seen to represent the University, or is otherwise identified as a student of the University;
- 2.4.1.15 introduces an illegal dependence-producing drug (as defined in section 1 of the Drugs and Drug Trafficking Act, 1992 or any statute that amends or replaces it) onto the premises of the University, or is found to be in possession of such illegal substance or is under the influence of such substance whilst on the premises of the University, University controlled premises, or premises in which the University is associated with or has interest; or
- 2.4.1.16 interference with, hinders or hampers in any manner the work of a service provider appointed by the University to render any services or deliver any goods to the University.

**S.2.5. HARASSMENT, PHYSICAL ABUSE AND DEMEANING CONDUCT**

- 2.5.1 Misconduct about harassment, physical abuse and demeaning conduct by a Student shall, amongst others, include:

- 2.5.1.1 any form of harassment or intimidation by way of written or verbal acts or use of technology causing violation to the dignity of any Student, employee or visitor of the University or causing any mental prejudice to, or humiliation of such persons, on any premises of the University or premises controlled by the University or on any other place where such conduct brings the University into disrepute;
- 2.5.1.2 any act that would result in willful or deliberate or reckless infliction of harm to any person, including but not limited to:
  - 2.5.1.2.1 physical assault or abuse upon any person;
  - 2.5.1.2.2 an attempt or threat to inflict such physical assault or abuse upon any person;
  - 2.5.1.2.3 the use of force in any form of physical abuse such as rape, sexual assaults, sexual offences upon any person which includes acts or threats, unlawful assault or attempt to assault any person in a manner designed or intended to achieve sexual intercourse or any other form of sexual gratification of whatever nature or degree with the person assaulted;
  - 2.5.1.2.4 any other conduct that threatens, limits or violates the physical integrity of others including indecently assaulting or touching another person;
  - 2.5.1.2.5 subjecting any Student, employee or visitor of the University to any form of initiation;
  - 2.5.1.2.6 any other act that is degrading or may reasonably be interpreted as degrading, such as the holding of a strip show, the open display of photographs, films or videos or any other material that is degrading of a person or a group or a sector of people;
  - 2.5.1.2.7 uses abusive or offensive language when engaging with University employees during official University business or ignoring common courtesy and etiquette during a meeting, conference or any gathering organised by or whilst representing the University.

## **S.2.6. PUBLICATIONS, INFORMATION AND STATEMENTS**

- 2.6.1 Misconduct about publications, information and statements by a Student shall, among others, include:
  - 2.6.1.1 failure to indicate whether any statement made to the public or the University community, is made officially on behalf of a named body such as the Student Representative Council or Student Political Organization, Church group, Cultural group, any other group or in the Student's private capacity;
  - 2.6.1.2 any conduct detrimental to the maintenance of law and order, discipline and proper performance of the work of the University or any section thereof, including but not limited to:
    - 2.6.1.2.1 affixing, distributing or displaying on or in, or outside University premises, publications, including but not limited to posters, placards, notices, banners, circulars or any other form of publication, of a



defamatory or otherwise unlawful nature towards members of the University community or any other person;

2.6.1.2.2 knowingly providing forged or erroneous University admission documents, addresses and names required by the University from time to time or statutory documents to the University or intentionally providing false information or forged documents such as but limited to the statement of results, academic records, examination results, diploma/degree certificate or any other document purporting it to be an official document issued by an academic or other institution to anyone outside the University about the University;

2.6.1.2.3 making a false statement or providing incorrect information for whatsoever reason to any person in the position of authority.

#### **S.2.7. INTERFERENCE WITH THE BUSINESS OF THE UNIVERSITY**

2.7.1 Misconduct about interference with the business of the University by a Student shall, amongst others, include:

2.7.1.1 interference with, or attempting to interfere with access to, or exit from the University, or any University controlled premises or any other way which infringes on the freedom of movement of Students, employee, visitor to the University or members of the public on the said premises;

2.7.1.2 obstructing or disrupting teaching, research, learning, administration or any other University activity;

2.7.1.3 willful obstruction and/ or failure to comply with the legitimate oral or written directive of a competent University authority in the performance of his/ her duty.

#### **S.2.8. UNIVERSITY ASSETS**

2.8.1 Misconduct by a Student relating to University assets shall, amongst others, include:

2.8.1.1 any damage either deliberately or negligently, unauthorized taking or alienating University property or any other property under the control of the University or the property of any other person associated with the University, including that of another Student, employee or visitor to the University or any attempt or threat to do so or the use or handling of such property in a manner that is, or may be, prejudicial to the University, students, employee or visitor to the University;

2.8.1.2 permitting, assisting or facilitating the entry onto University property or premises under the control of the University or premises which the University is associated with or has interest in, of any person who is not authorized to be on any such premises;

2.8.1.3 defacing the University property by pasting notices and pamphlets at places not designated for such purposes; or

2.8.1.4 intentionally or negligently mismanages and/or misappropriates funds of the University.

#### **S.2.9. CONDUCTING BUSINESS**

2.9.1 Misconduct about conducting business shall, amongst others, include:

- 2.9.1.1 collecting money for whatever reason or offering goods for sale or advertising goods on or in University premises or any other property which is under the control of the University, without prior written permission by the relevant University authority;
- 2.9.1.2 fundraising on behalf of the University or any of its constituent structures without prior written permission by the relevant University authority; as well as fundraising on behalf of other organization(s) without prior permission;
- 2.9.1.3 conducting any act of prostitution or pimping on or in University premises or any other property under the control of the University;
- 2.9.1.4 conducting any act of gambling which is regarded as a criminal offence under any law in South Africa;
- 2.9.1.5 substance abuse and use and/or distribution or sale of narcotics and drugs.

## **S.2.10. RESIDENCES**

2.10.1 Misconduct by a Student relating to conduct at residences shall, amongst others, include:

- 2.10.1.1 failure or negligence to adhere to any rules and regulations of the University's residence including but not limited to:
  - 2.10.1.1.1 unauthorized occupation or squatting on or in the University residence, or any other premises of the University or any other property under the control of the University;
  - 2.10.1.1.2 permitting and/ or assisting or attempting to permit and/ or assisting another person/student to squat on or in the University residence or any other premises under the control of the University;
  - 2.10.1.1.3 failure to adhere to the safety procedures and standards, including but not limited to the authorized use of electrical, plumbing and sewerage services;
  - 2.10.1.1.4 failure to adhere to basic hygiene and sanitary standards;
  - 2.10.1.1.5 cooking in rooms not designated as kitchens;
  - 2.10.1.1.6 removal or tempering with windows panes or screens;
  - 2.10.1.1.7 allowing the unruly and unlawful behaviour by guests of a specified Student;
  - 2.10.1.1.8 damage or misuse of furniture or any other facilities in the residences;
  - 2.10.1.1.9 unauthorized removal of furniture and fittings found in University residences;
  - 2.10.1.1.10 unauthorized presence of a Student in the residences after specified visiting hours;

- 2.10.1.1.11 failure to obey any lawful or reasonable order of any person in authority in a residence; or
- 2.10.1.1.12 any form of violation of the residence policy.

## **S.2.11. ACADEMIC ACTIVITIES**

2.11.1 Misconduct by a Student relating to academic activities shall, amongst others, include:

2.11.1.1 any non-compliance with the academic rules, including but not limited to:

- 2.11.1.1.1 helping or attempting to help another Student during a test or examination or obtaining or attempting to help or to obtain help from another Student during a test or examination in whatever manner;
- 2.11.1.1.2 submission by any Student of a test or examination script or written assignment of another Student in his or her own name;
- 2.11.1.1.3 intentionally removing pages from an examination answer book or retaining or removing an answer book from the examination venue, including question papers as determined by the University that may not be retained and/ or must be returned to the invigilator;
- 2.11.1.1.4 intentionally writing notes on his or her body or clothes that will assist him or her in the examination or test;
- 2.11.1.1.5 intentionally writing notes on her or his body or clothes that will assist him or her during the process of continuous assessment;
- 2.11.1.1.6 possession of, or using or trying to use notes that have relevance, or any other kind of resource during any test or examination, except where the supervisor or lecture concerned has consented explicitly to such possession, or refusal to hand over such notes to the invigilator, or destroying or trying to destroy such notes in any way, or making notes during a test or examination on any object including ruler, pocket calculator or cell phone;
- 2.11.1.1.7 contravention of any policy, rule or instruction on assessments, invigilation, examinations, tests or academic assignments;
- 2.11.1.1.8 misrepresentation or dishonest act with regard to any administrative process, which includes, but is not limited to the following: misrepresentations regarding academic and other records; degree, diploma or any other certificates; illness; persuading, or attempting to persuade the University to administratively act in a way that the University would not, or probably would not have acted in the absence of such misrepresentations;
- 2.11.1.1.9 dishonestly in any way whatsoever including but not limited to: dishonesty with regard to any assessment, whether it be a test or an examination, or with regard to the completion and/or submission of any other academic task or assignment; or act of plagiarism.

#### **S.2.12. PLAGIARISM**

A Student must not submit the work of any other person in any examination or in respect of the completion and/or submission of any form of academic assessment without the full and proper attribution and acknowledgement of the sources/s.

#### **S.2.13. OPERATIVE DATE OF THE STUDENT CODE OF CONDUCT**

This Code shall come into operation immediately after approval by the Council, unless the Council expressly determine the date upon which the document shall come into operation.

### **STUDENT DISCIPLINARY PROCEDURE**

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#### **S.3.1 APPLICATION**

3.1.1 The Disciplinary Procedure shall apply to any Student of the University and subject to the Code, at the time of the alleged Misconduct.

3.1.2 A person is subject to the Code under the following conditions, if:

3.1.2.1 he or she is a registered student of the University; or

3.1.2.2 he or she is a prospective returning student of the University.

#### **S.3.2 CRIMINAL AND/ OR CIVIL LIABILITIES**

3.2.1 The University may institute proceedings against a Student in terms of this Disciplinary Procedure and lay criminal charges and/ or institute civil proceedings in a Court of law.

3.2.2 Any criminal or civil proceedings pending in a court of law or tribunal does not preclude the University from instituting an internal hearing in terms of this Disciplinary Procedure.

3.2.3 The University reserves the right to institute its own internal disciplinary procedures in accordance with this Disciplinary Procedure.

#### **S.3.3. MISCONDUCT**

Any form of Misconduct as prescribed by the Code may lead to the institution of the disciplinary action.

#### **S.3.4 COMPLAINT**

3.4.1 Any member of the University community including Students, staff, University management, contractors, or a visitor may lay a Complaint against a Student with the Registrar or his nominee through a form prescribed by the Registrar for that purpose.

3.4.2 The Registrar or his/ her nominee shall institute a preliminary investigation into every Complaint received, save where he or she believes that there are good grounds for not doing so, or the Complaint brought to him/her through other University processes contain sufficient details as would enable the Registrar or his/her nominee to take appropriate disciplinary steps against a Student.

3.4.3 The Registrar shall periodically inform the Vice-Chancellor, relevant officials within the University and Senate in writing, of all Complaints received indicating actions taken, and outcomes of the Disciplinary Committees and Appeals Committee.

### **S.3.5 INVESTIGATING OFFICER**

- 3.5.1 The Registrar may, subject to section 3.4.2 and 3.5.2 appoint a member of staff or any other suitable person as an investigating officer to conduct any appropriate investigation into a Complaint, on the terms determined by the Registrar.
- 3.5.2 An investigating officer shall:
- 3.5.2.1 conduct an investigation into the Complaint;
  - 3.5.2.2 submit a written investigation report to the Registrar within fifteen (15) Days of his/her appointment or within such shorter period as may be advised by the Registrar having regard to, amongst others, the nature of the investigation and the intended decision as would be informed by the investigation report. Through the investigation report, the investigating officer shall:
    - 3.5.2.2.1 report on the outcome of the investigation into the Complaint, and submit documents he/she considered to reach his/her conclusions or recommendations in the investigation report;
    - 3.5.2.2.2 advise the Registrar on whether or not there are reasonable prospects of proceeding with a disciplinary hearing against a Student;
    - 3.5.2.2.3 make recommendations to the Registrar regarding the charges to be preferred against the Student, and any other matter regarding the student disciplinary processes;
    - 3.5.2.2.4 in the event that the investigating officer recommends that no disciplinary steps should be taken against a Student, he or she must indicate the reasons thereof;
    - 3.5.2.2.5 advise the Registrar on the appropriate Disciplinary Committee that has jurisdiction to hear the Misconduct case against a Student in terms of this Disciplinary Procedure;
    - 3.5.2.2.6 advise the Registrar that the Vice-Chancellor should consider using his or her powers of suspension in terms of section 3.7; or
    - 3.5.2.2.7 advise the Registrar to accept an admission of guilt by a Student.
- 3.5.3 The Registrar is not bound by any recommendation, advice or proposals made by an investigating office. The Registrar retains the authority to make the final decision on matters relating to disciplinary processes to be undertaken by the Registrar under the Disciplinary Procedure and related matters.
- 3.5.4 The investigating officer shall keep accurate records of all activities and shall produce them when requested in a prescribed form.
- 3.5.5 Unless advised otherwise by the Registrar, the investigating officer shall be deemed as having completed his or her work as soon he/she has submitted the appropriate report to the Registrar.
- 3.5.6 When the Registrar is of the opinion that a charge(s) of Misconduct against a Student is/are warranted, the Registrar shall institute disciplinary processes against the Student in accordance with the Disciplinary Procedure.

### **S3.6 THE INITIATOR**

- 3.6.1 The Registrar shall, in his or her exclusive opinion, appoint a member of staff or any other suitable person as an initiator.
- 3.6.2 The initiator shall:
- 3.6.2.1 prepare and sign Misconduct charges against Students;
  - 3.6.2.2 cause the Misconduct charges to be served on the Student in accordance with this Disciplinary Procedure;
  - 3.6.2.3 present the case for the University before any Disciplinary Committee and the Appeals Committee, including making written representations to either of the committees as may be required or necessary;
  - 3.6.2.4 consult with witnesses or any other person as may assist in the disciplinary processes; or
  - 3.6.2.5 do and attend to all the necessary for purposes of the disciplinary proceedings against a Student.

### **S3.7 SUSPENSION OF A STUDENT**

- 3.7.1 The Vice-Chancellor may, on his/her own accord and/or in consultation with the Registrar, if there are reasonable grounds for suspecting that a Student has committed serious Misconduct, or a Student has been charged with serious Misconduct, or in any other appropriate circumstances, temporarily suspend a Student on the terms set out in section 3.7.2, pending the outcome of a disciplinary investigation or disciplinary hearing.
- 3.7.2 The Vice-Chancellor may impose any or all of the conditions set out below or any other appropriate conditions, when he/she suspends a Student, that a Student shall:
- 3.7.2.1 refrain from participating in any or all academic activities on the University premises or any other premises under the control of the University or activities conducted by the University at any place;
  - 3.7.2.2 refrain from entering any part or all of the premises of the University or any place under its control; except with the written permission of the Vice-Chancellor or his/her delegate; or
  - 3.7.2.3 vacate any University residence or any part of any structure under the control of the University.
- 3.7.3 In the event that a Student has been suspended in terms of section 3.7.1 read with 3.7.2 prior to the Student being charged with Misconduct, and a period of twenty (20) Days lapses and no disciplinary proceedings have been commenced within the stated period in terms of this Disciplinary Procedure, the suspension shall automatically lapse.
- 3.7.4 Notwithstanding the stipulation in section 3.7.3, the suspension which has been made in terms of section 3.7.3 may be extended by the Vice-Chancellor at any time prior to or after the lapse of the twenty (20) Days if it is in the best interest of the University. Such extension must never exceed the maximum period of thirty (30) Days.
- 3.7.5 For purposes of the suspending a Student, the Vice-Chancellor may, depending on the circumstances of each case:

- 3.7.5.1 immediately suspend the Student and simultaneously require the Student to make written representations as to why the suspension should be lifted; or
- 3.7.5.2 require a Student to make written representations as to why he/she should not be suspended prior to being suspended.
- 3.7.6 Whether the process applicable is as provided in section 3.7.5.1 or 3.7.5.2, a Student shall be afforded a period of twenty-four (24) hours to make written representations to the Vice-Chancellor.
- 3.7.7 The Vice Chancellor may, at any time and on of good cause shown by the Student or as may be advised by the Registrar, revoke the suspension of a Student or vary any of the terms or conditions of a suspension.
- 3.7.8 The decision of the Vice-Chancellor to suspend a Student is final, and no appeal shall lie against the Vice-Chancellor's decision to suspend a Student.
- 3.7.9 The provisions of this clause do not abrogate the authority to suspend any Student under the Residence Policy.

### **S3.8 THE UNIVERSITY DISCIPLINARY COMMITTEES**

- 3.8.1 The University shall have three (3) committees dealing with acts of Misconduct by Students, being the:
  - 3.8.1.1 Appeals Committee (for both general and academic related offences);
  - 3.8.1.2 Student Affairs Disciplinary Committee (for general offences); and
  - 3.8.1.3 School Disciplinary Committee (for academic related offences).
- 3.8.2 The Office of the Registrar shall provide secretarial support to the committees referred to in section 3.8.1.
- 3.9.1 The Registrar shall promptly notify a Student of the outcome/decision of the Appeals Committee or Disciplinary Committee in writing.
- 3.8.3 Decisions of the Appeals Committee or Disciplinary Committee and the reasons thereof shall be reduced to writing, and be taken by way of a simple majority of members of each committee. In instances of a tie, the Chairperson shall have a casting vote.

### **S.3.9 COMPOSITION AND FUNCTIONS OF THE APPEALS COMMITTEE**

- 3.9.1 The Appeals Committee shall adjudicate over appeals in respect of the decisions of a Disciplinary Committee whether based on factual findings, matters relating to procedure and/or the sanctions imposed.
- 3.9.2 The Appeals Committee shall serve as the highest decision-making body with regard to Students' disciplinary cases and shall consist of:
  - 3.9.2.1 Deputy Vice-Chancellor (Chairperson);
  - 3.9.2.2 Two (2) members of Senate appointed by the Vice-Chancellor;
  - 3.9.2.3 President of the SRC or a representative of the SRC who did not sit in the first disciplinary hearing; and

- 3.9.2.4 any Dean, excluding the Dean of the School where the student is registered, or the University official responsible for student affairs and residences.
- 3.9.3 The Vice-Chancellor may alter the composition of the Appeals Committee for whatever reason if he/she deems it appropriate.
- 3.9.4 Any member of the Appeals Committee, who was involved in investigation process or directly interacted with the proceeding before, must recuse himself or herself from the hearing at which the appeal is heard, in such a case the Vice-Chancellor can appoint a different person to act in his or her stead. In case the affected member is a representative of the SRC, the SRC shall be advised to forward a replacement.
- 3.9.5 The composition of the Appeals Committee may not be augmented during and when the appeal is considered. The hearing shall proceed provided the Chairperson is available and at least other two (2) members of the Committee are present at the hearing.
- 3.9.6 The Appeals Committee may impose any of the penalties set out in section 3.14 of this Disciplinary Procedure.
- 3.9.7 After considering an appeal, the Appeals Committee may:
- 3.9.7.1 dismiss the appeal and uphold the decision of the Disciplinary Committee in its entirety or in part;
  - 3.9.7.2 allow the appeal and set aside the decision of the Disciplinary Committee in its entirety or in part;
  - 3.9.7.3 vary the decision of the Disciplinary Committee; or
  - 3.9.7.4 increase or decrease any penalty imposed by the Disciplinary Committee.
- 3.9.8 The Appeals Committee shall report the outcomes of its hearing in writing within five (5) Days after taking a decision.
- 3.9.9 There is no further forum to appeal to within the University structures after the Appeals Committee has decided upon an appeal by a Student.

### **S3.10 COMPOSITION AND FUNCTIONS OF STUDENT AFFAIRS DISCIPLINARY COMMITTEE**

- 3.10.1 The Student Affairs Disciplinary Committee shall be composed of the following members:
- 3.10.1.1 Dean of any School as the Chairperson as designated by the Vice-Chancellor;
  - 3.10.1.2 University official responsible for Governance and Student Life or a person in such office as designated by the Vice-Chancellor;
  - 3.10.1.3 a representative of the SRC as designated by the SRC on an *ad hoc* basis; and
  - 3.10.1.4 not more than two (2) additional members appointed by the Vice-Chancellor from members of the Senate.
- 3.10.2 The function of the Student Affairs Disciplinary Committee is to hear all cases of alleged Misconduct that do not primarily relate to academic or research activities or any matter referred to it by the Registrar in terms of this Disciplinary Procedure.



- 3.10.3 The Student Affairs Disciplinary Committee may impose penalties as laid down in section 3.14 of this Disciplinary Procedure. Subject to section 3.13, the penalties imposed by the Student Affairs Disciplinary Committee shall be immediately effective notwithstanding the right of appeal or an appeal lodged by a Student.
- 3.10.4 The composition of the Student Affairs Disciplinary Committee may not be augmented during and when the hearing is in session. The hearing shall proceed provided the Chairperson is available and at least other two (2) members of the Student Affairs Disciplinary Committee are present at the hearing.
- 3.10.5 The Student Affairs Disciplinary Committee shall report the outcome of its inquiry or adjudication in writing within fourteen (14) Days of the hearing of a Misconduct case against a Student.

### **S3.11 COMPOSITION AND FUNCTIONS OF SCHOOL STUDENT DISCIPLINARY COMMITTEE**

- 3.11.1 The School Student Disciplinary Committee shall be composed of the following members:
  - 3.11.1.1 the Dean of the School in which the Student charged with Misconduct is registered or any other Dean of a School appointed by the Vice-Chancellor as Chairperson;
  - 3.11.1.2 the Head of Department ("HoD") of the School in which the Student charged with Misconduct is registered or a different HoD of the School as may be determined by the Dean of the School in which the student charged with misconduct is registered;
  - 3.11.1.3 one (1) representative of the SRC as designated by the SRC;
  - 3.11.1.4 not more than two (2) members appointed by the Vice-Chancellor from amongst members of Senate.
- 3.11.2 The function of the School Student Disciplinary Committee is to hear all cases of alleged Misconduct involving any academic, research, or examination impropriety arising in the School or any matter referred to it by the Registrar in terms of this Disciplinary Procedure.
- 3.11.3 The composition of the School Student Disciplinary Committee may not be augmented during and when the hearing is in session. The hearing shall proceed provided the Chairperson is available and at least other two (2) members of the School Student Disciplinary Committee are present at the hearing.
- 3.11.4 The School Student Disciplinary Committee may impose penalties as laid down in section 3.14 of this Disciplinary Procedure. Subject to section 3.13, the penalties imposed by the School Student Disciplinary Committee shall be immediately effective notwithstanding the right of appeal or an appeal lodged by a Student.
- 3.11.5 The School Disciplinary Committee shall report the outcome of the hearing in writing within ten (10) Days of the hearing of a Misconduct case.

### **S.3.12 APPEALS**

- 3.12.1 A Student may appeal a decision of a Disciplinary Committee by way of a written notice of appeal. The notice of appeal shall be in the prescribed form determined by the Registrar and shall be submitted to the Registrar within five (5) Days of a decision of a Disciplinary Committee being communicated to the affected Student.
- 3.12.2 The notice of appeal shall indicate whether the appeal is aimed against the conviction, or penalty (ies) or both, and indicate the grounds on which the appeal is based.

- 3.12.3 An appeal will be considered solely on the grounds of appeal submitted by the affected Student, written response by the initiator in response to the Student's grounds of appeal and the record of the proceedings of the Disciplinary Committee, together with any document(s) and exhibit(s) submitted during the Disciplinary Committee's hearing.
  - 3.12.4 The Registrar shall furnish the Student and Appeals Committee with the transcribed record or audio recording of proceedings and all documents concerning the matter under appeal as contemplated in section 3.12.3.
  - 3.12.5 Subject to the provision of section 3.13 an appeal lodged does not suspend any decision of a Disciplinary Committee pending the outcome of an appeal, unless the chairperson of the Disciplinary Committee whose decision is the subject of an appeal, on application by the affected Student, directs otherwise.
  - 3.12.6 Subject to the provisions of these rules of discipline and to the principles of natural justice, the procedure to be followed during the hearing of an appeal shall be decided by the Appeals Committee in such a manner as it may deem expedient.
  - 3.12.7 In exercising its discretion, the Appeals Committee may decide to deal with the appeal solely on the strength of the documents or call for hearing of an appeal.
  - 3.12.8 The Student shall receive written notice informing him or her about the procedure that is to be followed during the appeal hearing within five (5) Days prior to the hearing.
  - 3.12.9 The decision of the Appeals Committee shall be final and binding.
  - 3.12.10 The Appeals Committee shall communicate its decision to the affected student within five (5) working days of the decision being taken.
- S3.13 SUSPENSION OF DECISIONS OF A DISCIPLINARY COMMITTEE**
- 3.13.1 A Student may, by way of written representations and show of good cause, apply for the suspension of a decision of a Disciplinary Committee.
  - 3.13.2 An application for the suspension of a decision of a Disciplinary Committee referred to in section 3.13.1 shall:
    - 3.13.2.1 be submitted to the Chairperson of the Disciplinary Committee whose decision is the subject of the appeal, and Registrar within five (5) Days of a decision of the Disciplinary Committee being communicated to the affected Student;
    - 3.13.2.2 be submitted simultaneously with a notice of appeal referred to in section 3.12.1;
    - 3.13.2.3 succinctly set out the grounds and all material aspects on which the affected Student relies for the suspension of the decision of the Disciplinary Committee; and
    - 3.13.2.4 record the Student's email address through which all correspondence and documents relating to this application should be delivered to the affected Student.
  - 3.13.3 The Registrar or his/her representative may, within five (5) Days of receipt of the affected student's application for the suspension order, respond in writing to the Students' application. The response by the Registrar or his/her representative shall be submitted to the Chairperson of the Disciplinary Committee and the affected Student.

- 3.13.4 In determining the Students' application, the Chairperson of the Disciplinary Committee shall solely have regard to, the:
- 3.13.4.1 facts and information that was before the Disciplinary Committee when it made the decision which is sought to be suspended by the Student;
  - 3.13.4.2 appeal lodged by the student referred to in section 13.12.1;
  - 3.13.4.3 grounds and all material aspects submitted by the affected Student as contemplated in section 3.12.2; and
  - 3.13.4.4 response by the Registrar or his/her representative as contemplated in section 3.13.3.
- 3.13.5 The Chairperson of the Disciplinary Committee shall promptly consider the application and communicate his/her decision and the reasons thereof to the Registrar and the affected Student.
- 3.13.6 An application to suspend any decision of a Disciplinary Committee shall be decided by the Chairperson of the Disciplinary Committee on the documents referred to section 3.13.4, and there shall be no hearing.
- 3.13.7 The decision of the Chairperson of the Disciplinary Committee regarding the Student's application to suspend a decision of the Disciplinary Committee shall be final, binding and no appeal shall lie against the said decision.
- 3.13.8 An application to suspend a decision of the Disciplinary Committee that is submitted outside the prescribed period referred to in section 13.13.2.1 will not be considered.
- 3.13.9 The submission of an application to suspend a decision of the Disciplinary Committee does not by its own suspend the decision of the Disciplinary Committee.

### **S3.14 PENALTIES**

- 3.14.1 The Disciplinary Committees and Appeals Committee may, insofar as they apply to each committee, impose any or a combination of the following penalties:
- 3.14.1.1 expulsion from the University;
  - 3.14.1.2 suspension from the University for a specific period of time, subject to conditions which are justifiable on educational grounds and accepted within the culture of the University;
  - 3.14.1.3 permanent expulsion from residence or refusal of access to all or some of the buildings, land or services of the University or re- admission only subject to specific conditions;
  - 3.14.1.4 suspension from attending classes for a specific period, either totally or only in respect of specific course(s)/module(s);
  - 3.14.1.5 refusal of admission to any examination or test, which includes forfeiture of any marks already obtained and the cancellation of any subject or module(s);

- 3.14.1.6 imposition of a fine, which may not exceed an amount of money equal to the fees payable by the student during the year in which the misconduct was committed, unless the amount of money declared is equivalent to the damage caused;
- 3.14.1.7 imposition of a fine, which may be equivalent to the value of the damaged University property or the property of the University staff, student or visitor;
- 3.14.1.8 refusal of readmission to the University for a specific period or permanently;
- 3.14.1.9 suspending or withdrawing the privileges which are accrued to the student subject to the conditions that are justifiable on educational grounds and acceptable within the institutional culture of the University;
- 3.14.1.10 imposition of any other penalty, combination of penalties or suspended penalty that, from the educational point of view and in accordance with the institutional culture of the University, is reasonable and fair under the circumstances;
- 3.14.1.11 severe admonition and caution; or
- 3.14.1.12 prohibit the student from taking part in student related activities that fall under the aegis of the SRC for a specific period of time or indefinitely.

### **S3.15 POWERS OF THE VICE-CHANCELLOR**

- 3.15.1 The Vice-Chancellor may order the withholding of examination results or the conferment of a degree or the award of a diploma or certificate to any student against whom an allegation of Misconduct has been laid pending the outcomes of the disciplinary hearing.
- 3.15.2 The Vice-Chancellor may order the withholding of examination results or the conferment of a degree or the award of a diploma or certificate to the student concerned until the Vice-Chancellor is satisfied that any fine or money owed to the University has been paid or any act a student is obliged to perform has been executed.
- 3.15.3 A Student may not by reason of any action taken or punishment imposed in terms of this Disciplinary Procedure or the Code, or by the Vice-Chancellor have a claim to repayment or reduction of tuition, residence fees or any other amount paid or payable to the University.

### **S.3.16 ADMISSION OF GUILT**

- 3.16.1 Any admission of guilt shall be directed to the investigating officer under the following manner or procedure in writing:
  - 3.16.1.1 when the investigating officer considers a charge after a preliminary investigation, he/she may, with the concurrence of the Registrar, offer to accept an admission of guilt from the accused Student before a disciplinary hearing is convened;
  - 3.16.1.2 when the offer of acceptance of an admission of guilt is made the, accused Student must be informed of the possible punishment that may be imposed; and
  - 3.16.1.3 when pleading guilty the student acknowledges that she/he:
    - 3.16.1.3.1 was under no obligation whatsoever to make such admission of guilt; the consequences of such a plea of guilt were explained to him/her including the penalties likely to be imposed;
    - 3.16.1.3.2 acknowledges that she/he understood what was explained to him or her in the official language of the University.

- 3.16.2 The Investigating Officer shall report the matter to the Registrar indicating that the Student has accepted guilt.
- 3.16.3 The Registrar shall impose any penalty which is equivalent to the Misconduct or any penalty he or she deem proper under the circumstances or may refer the matter to the relevant disciplinary hearing.
- 3.16.4 The Student who admits guilt as provided in section 3.16 shall not appeal against the penalty imposed; but may request a pardon from the Vice-Chancellor in writing.
- 3.16.5 An admission of guilt may, at any time after the Student has received Misconduct charges, be directed to the Initiator. In that event, the provisions of sections 3.16.1, 3.16.2 and 3.16.3 shall, with the necessary changes, apply.

### **S.3.17 HEARING/DISCIPLINARY PROCEDURES**

- 3.17.1 After the Disciplinary Committee has been constituted, the Chairperson may make decisions on the method of procedure to be followed, which must comply with the principles of natural justice; the Chairperson shall determine the venue and time of the session(s).
- 3.17.2 A Student charged with Misconduct shall be informed of the allegations against him/her at least seven (7) Days prior to the hearing.
- 3.17.3 Such a Student may be represented by a fellow student and he/she shall be given the opportunity to present evidence, and to cross examine any witness.
- 3.17.4 A notice of the hearing shall be served as follows:
  - 3.17.4.1 personal service upon the Student concerned by any person authorized to do so, on condition that the person serving the notice records the fact of service in writing;
  - 3.17.4.2 service at the University address of the Student concerned if he or she is resident in a University residence, by any person authorized thereto, provided that the person effecting the service must state in writing that she/ she has taken all reasonable steps to locate the Student, and having failed to do so, has left the notice with any employee of the University at the same address;
  - 3.17.4.3 by service at the registered mail or address of the student at his/her home address as reflected in his/her University records. The notice shall be deemed to have been served on the third day after its posting. It is the responsibility of any student to ensure that the records containing her/his home or mail address is always updated; or
  - 3.17.4.4 by way of an email sent to the Student's email address allocated to the affected Student by the University and / or any other email address of the Student as reflected in his/her University records. The notice shall be deemed to have been served immediately on the day on which it was emailed to the Student. It is the responsibility of any Student to ensure that the records containing his/her email address are always updated.
- 3.17.5 The notice served on the Student shall contain the name of the Chairperson of the Disciplinary Committee.
- 3.17.6 In the event where a Student refuses to accept service of Misconduct charges or any notice, it must be recorded as such.

- 3.17.7 If a Student fails to attend the hearing on the stipulated date, time and venue and she/he has not prior to the hearing furnished in writing sound and sufficient reason for such failure to the Chairperson of the Disciplinary Committee or to the Initiator, the hearing may proceed notwithstanding the absence of the Student.
- 3.17.8 Failure to appear or attend the proceeding by the Student shall not invalidate the proceedings. If a Student or any other person hinders or obstructs the hearing of any disciplinary proceedings or fail to obey an instruction given by the person conducting or presiding over the proceedings, the Chairperson of the hearing may order his or her removal from the hearing and the proceedings may be continued and even brought to a conclusion in his or her absence.
- 3.17.9 At the beginning of the hearing the Chairperson shall ensure that the Disciplinary Committee is properly constituted.
- 3.17.10 When the student concerned appears before a Disciplinary Committee, the Chairperson shall indicate the alleged misconduct and explain the procedure to be followed during the hearing.
- 3.17.11 At the hearing and after the procedure has been outlined, the concerned Student shall be informed orally of the charge against him or her and shall be asked to plead to the allegations.
- 3.17.12 The Chairperson of a Disciplinary Committee shall decide on any question of procedure or admissibility of evidence (including the manner or form in which it may be admitted) since the committee shall not be bound by all formal rules of criminal procedure or evidence.
- 3.17.13 If the concerned Student admits to the alleged offence, the Disciplinary Committee may find the Student guilty without hearing further evidence.
- 3.17.14 In the event of a plea of guilty made before the Disciplinary Committee, the Committee may invoke any of the penalties as set out in section 3.14, without hearing further evidence provided the Student is invited to provide mitigating factors.
- 3.17.15 In the event that the concerned Student denies the alleged Misconduct; the Disciplinary Committee shall hear the evidence in accordance with the prescribed procedure.
- 3.17.16 After hearing all evidence, the Disciplinary Committee shall allow the concerned student and the Initiator to address it on mitigating and / or aggravating circumstances.
- 3.17.17 The Disciplinary Committee shall adjourn for deliberations in order to make a finding with regard to guilt or innocence of the accused Student after all parties have closed their presentation. No person other than members of Disciplinary Committee may be present during deliberations.
- 3.17.18 After consideration of evidence, the Disciplinary Committee shall hand down a verdict in respect of each charge, which shall be either guilty or not guilty. The Chairperson shall inform the Student in writing, as soon as possible, of the penalty imposed, and explain to the affected Student the sentence and the right to appeal.
- 3.17.19 Any appeal against the verdict of the Disciplinary Committee must be submitted in accordance with section 3.12.
- 3.17.20 The Disciplinary Committee shall hand the report of its findings to the Vice- Chancellor and Principal, the Registrar, and Dean of School in which the affected student is registered

including the particulars of the charge, any amendment thereof, the plea, material findings as to facts, mitigating or aggravating circumstances, the verdict, the penalty imposed and the reasons for the imposition of such penalty.

- 3.17.21 The Registrar shall send a letter concerning the findings of the hearing to the parents or guardian of the affected student, if the Student is a minor.
- 3.17.22 Unless the Disciplinary Committee directs otherwise, the hearing shall be conducted in privacy and neither the proceedings nor the verdict of the Disciplinary Committee may be published.

#### **S.3.18 RIGHT TO A REPRESENTATIVE**

- 3.18.1 Every student facing a disciplinary hearing shall have the right to a representative in the form of a fellow student of the University. The name of such a representative shall be communicated to the Chairperson of the Disciplinary Committee at the hearing.
- 3.18.2 The student may change representative at any stage of the proceedings; such a change may not affect the progress of the proceedings.
- 3.18.3 Any change made in accordance with section 3.18.2 shall be communicated to the Chairperson of the Disciplinary Committee at the hearing.

#### **S.3.19 AMENDING THE STUDENT DISCIPLINARY PROCEDURE**

The Council may amend the Disciplinary Procedure or the Code from time to time after consultation with the SRC and Senate, as Council may deem necessary and in the interest of the University.

## 11. ADMISSION REQUIREMENTS OF THE SCHOOL OF MEDICINE

### 1. MBChB (Bachelor of Medicine and Bachelor of Surgery)

Sefako Makgatho Health Sciences University (SMU) offers opportunities to South African (SA) and Southern African Development Community nationals (only Lesotho and Swaziland citizens) to undergo training in medicine, radiography and emergency care (EMC). Naturalized SADC nationals and permanent residents regardless of origin are also considered. All applicants undergo a rigorous selection process.

SMU, in keeping up with international standards, bases selection on academic measurable variables and ensures that selected students have the ability/ potential to successfully complete their studies in the requisite minimum time. SMU endeavours to attract talented students from all demographic groupings in South Africa whilst prioritizing transformation. In this regard a quota system based on a principle that promotes equitable chances and fairness to students from all population groups (Indigenous Africans (Black) – 80.8%; Coloureds – 8.7%; Whites – 7.9%; Indians/Asians – 2.6%) is applied in all selection processes excluding the special foundation medicine program that is reserved for indigenous South Africans (Blacks) from Quintile 1 and 2 schools. The above quota system is based on the census demography of the SA population and will apply from one census to the other. The selection process is done in phases. The decisions of the School Admissions and Selection Committee are final.

#### 1.1. MBChB Phase I: Pre - Selection

Students are offered a provisional place based on their final Grade 11 results. Pre-selected Grade 11 students are expected to have attained an admission point score (APS) of at least 38. In addition, students are pre-selected based on their performance in the following **four** subjects: English, Life Sciences, Physical Science and Mathematics, refer to Table 1. However, being pre-selected does not guarantee a place as the Grade 12 results are used to decide on final admissions. Admissions are on a competitive basis for available spaces.

A pre - selection offer will be withdrawn if either the applicant's performance in Grade 12 in any of the four above mentioned subjects and/or total APS score drops below their performance in the Grade 11 results or is maintained but happens to be below that of other applicants. The application of such a student is then returned to the general pool of applicants in which applicants are considered on the basis of their Grade 12 performance using the four subjects previously listed.

Firm offers will be made (during the pre-selection phase) to the five top/best students who applied with final Grade 12 results achieved in the year just before the pre-selection year and also met all the admission requirements.

**Table 1:** Minimum requirements for pre-selection into MBChB Program

Subjects	Minimum APS Points	SMU Admission Score for preselection
English	6	6
Mathematics	6	6
Physical Science	6	6
Life Sciences	6	6
Additional subject 1	5	
Additional subject 2	4	
Life Orientation	5	5
Total	38 points	29 points

**Table 2:** Admission Point Score (APS) Equivalency Conversion Table



APS Points	NSC marks %	IGCSE symbols	GCSE symbols	HIGCSE symbols	AS – Level grade	A – Level grade	IBHL symbols	IBSL symbols	APS Points
12						A			
11						B			
10									10
9						C			9
8				1	A		7		8
7	80-100%			2	B	D	6		7
6	70-79%	A		3	C	E	5	7	6
5	60-69%	B	7	4	D		4	6	5
4	50-59%	C	6		E			5	4
3	40-49%	D	5					4	3
2	30-39%	E	4						2
1	0-29%	F	3						1

- APS - Admission Point Score
- NSC – National School Certificate
- IGCSE - International General Certificate of Secondary Education
- GCSE – General Certificate of Secondary Education
- HIGCSE - Higher International General Certificate of Secondary Education
- AS level - Advanced Subsidiary Level
- A Level – Advanced Level. An A-level represents a year's extra study beyond AS level
- IB HL – International Baccalaureate (Higher levels)
- IB SL - International Baccalaureate Schools (Standard levels)

## 1.2. MBChB Phase 2: Final Selection of Grade 12 Applicants and other applicants with equivalent qualifications

The second phase of selection is done soon after the Grade 12 results have been released. Pre- selected students who either maintained or improved their Grade 11 SMU pre - selection scores, may be given firm offers. However, this will depend on the number of available spaces. Those whose scores fall below the level at which they received a pre-selection offer or those who now score lower in comparison with others are then included in the general pool of applicants for consideration.

In order for students to be selected from the main data pool they should comply with the following admission requirements:

- Must achieve a minimum APS score of 38 as described above in Table 1
- Compete on the basis of the five subjects including Life Orientation (Table 1) in the pre-selection criteria. Students will be selected by order of merit using their actual percentage marks in the following subjects: Mathematics, Physical Science, Life Science, Life Orientation and English Language. Selection will be in accordance to the demographic quotas described above using current census data.
- A relevant matriculation or examination results that qualifies enrolment into a degree program (for SADC nationals mainly Lesotho and Swaziland, with an APS to be determined by the enrolment committee on basis of Table 2). The applicants must include a matric exemption certificate issued by South African Qualification Authority (SAQA).

A total of 245 spaces offered during the second phase of selection are distributed as shown in

Table 3 in addition to 5 firm offers confirmed during Phase I.

**Table 3:** Distribution of firm MBChB I spaces confirmed during the 2<sup>nd</sup> Phase of Selection

Category of prospective Students	Number of allocated spaces
Matric (NSC) holders (FTENs)	145
Matric (results available by November of previous year)	5
SADC students (Lesotho & Swaziland)	5
SMU graduates	30
Relevant Sciences and Health Sciences Degree holders from other universities	5
South African National Defence Force cadets	5
SMU full BSc I; BDS I and BSc ECP II course holders	5
MBChB – ECP II	50
Total	250

**Note:**

1. Due to the limited number of places available and the competitive nature of the degree program attainment of the minimum requirements stated in Table 1 does not guarantee admission.
2. All first time entering applicants who have performed well and attained high SMU Admission Scores (Table 1), but were not selected among the top 145, are placed on a waiting list. They will be considered on merit should any of those selected applicants decline the offer.

**1.3. Criteria for selection of applicants with completed 1st year BSc I degree courses or equivalent** (into MBChB I only) (SMU full BSc I; BDS I and BSc ECP II course holders)

Five top students with completed 1<sup>st</sup> year BSc or equivalent courses at SMU will after application be afforded an opportunity to enrol into MBChB I. The combined average percentage of all modules will be used to determine the best five students. In case of BSc - ECP II applicants, the average scores of modules done in both years (Year 1 and 2) will be considered. Only applicants who obtain a minimum of three distinctions and an overall average of 75% and above for the year will be considered. However, the requirements might be higher as only five (5) spaces are available and selection will be on a competitive basis.

\* Equivalent degrees are BDS I and BSc – ECP II completed at SMU

**1.4. Criteria for Selection of applicants with completed degrees** (into MBChB I only as this may change in later years when admission into 2<sup>nd</sup> year may be contemplated,)

Applicants with completed Natural Science or relevant Health Sciences degree(s) will be selected to fill the allocated quotas referred to in Table 3 above. A scoring system presented in Table 4 will be applied to select the best qualifying students. The resultant score will be used in descending order to select qualifying applicants from this pool. The process of the calculation of points will be as follows:

**Table 4:** Scoring system for candidates with completed 1<sup>st</sup> degrees

Percentage mark achieved in a module	Points
≥ 75%	24
70 – 74%	16
65 – 69	12
60 – 64	8
55 – 59	4
50 – 54	0
Fail	0
A subject passed after a supplementary examination	0

**Note:**

- In the case of a student having two degrees at the same level, the best of the two degrees will be used for scoring
- Students with relevant degrees that have exceeded a prescribed shelf life of three years will be required to re-do all the MBChB I modules without any exemption.
- A student who did modules equivalent to MBChB I modules previously within the prescribed shelf life above may be exempted. However, provisional exemption will be offered if the scope of the covered module is deemed not equivalent to the year I module at SMU. Such a student will therefore need to achieve a year mark of 65% in the module in order to be exempted from the standard/summative examination.

Additional points are awarded to applicants with post graduate degrees based on the scoring system presented in Table 5.

**Table 5:** Additional points awarded to applicants with post graduate and professional degree

Post graduate Degree or Professional Degree	Points
Honours degree completed in minimum time	2
Additional point for Honours degree achieved with distinction	1
A four year professional degree in Natural sciences or Health Care Sciences	2
A three year Health Sciences related degree completed in minimum period	1
Additional point for four year professional degree in Natural sciences/ Health Care Sciences with distinction	1
Masters degree	3
Additional point for Masters degree achieved with distinction	1
Doctoral degree	5

### 1.5. Phase 3: Selection into Medicine Foundation Program (MBChB-Extended Curriculum Program I)

Phase 3 selection is done after the selection and admission into the mainstream MBChB I class is completed. Fifty spaces are available for MBChB-ECP I program. Non-quantifiable measurable variables that include social background (schooling i.e. quintile 1 and 2 schools) form the core policy of selection. The MBChB-ECP I program targets talented students from quintile 1 and 2 schools who attain good passes but were unable to obtain admission into the mainstream MBChB I due to the competitive nature for available spaces.

MBChB-ECP I program is aimed at preparing talented students from quintile 1 and 2 schools for success as most come from schools that have limited budgets and resources to fulfil the core mathematics, life sciences and physical science curriculum objectives. The 1 year foundation program focuses on

developing the students' knowledge and skills in the following six foundation modules:

- Medical Foundation Biophysics and Numeracy
- Medical Foundation Biology
- Medical Foundation Biochemistry
- Medical Foundation English for Medicine.
- Medical Foundation Introduction to the Human Body (Anatomy and Physiology)
- Medical Foundation Study Skills and Information Management.

#### **Eligibility for selection into MBChB – ECP I**

This program is only available to Indigenous South African (Black) students from quintiles 1 and 2 schools only who have not previously been engaged in tertiary education and have not been able to get admission into the six year SMU medicine degree program. Applications that do not meet the below criteria will be **declined**. The minimum academic requirements for consideration into MBChB –ECP I are presented in Table 6 below.

**Table 6:** Minimum requirements for selection into MBChB-ECP I

<b>Subject</b>	<b>Minimum APS Points</b>
Physical Science	5
Life Sciences	5
Mathematics	5
English Language	5
Life Orientation	4
Additional Subject 1	4
Additional Subject 2	4
<b>Total</b>	<b>32</b>

A student may be selected for the MBChB-ECP programme with a score of 4 in English provided that the overall APS points remain competitive.

**Duration of MBChB – ECP I program:** 1 year

The student must pass all the six foundation modules with a minimum of 50% in order to progress into main stream MBChB I. A student who fails any of the six foundation modules is not allowed to repeat. There is no credit offered to such student.

## **2. B RAD (Bachelors in Radiography)**

Pre-selection of prospective students is a phased process and is completed by the end of November, in the year preceding admission. Provisional admission is based on Grade 11 final results for candidates in matric. Performance expressed as AP-score must be no less than 25 and for the four subjects below, expressed as combined (CMB) score of 19, must be maintained or improved in the matric examination to secure a place (see table 6 below).

The main/ final selection is based on the performance in the following four subjects, each with a minimum of 4:

- English
- Mathematics
- Physical Science
- Life Sciences

In case the students' performance in these subjects drops below that for/in the grade 11 results, the student will lose the space in the pre-selected group and will join the general pool of applicants, where the grade 12 results will be the final determinant for the selection

**Table 7:** Admission Point Score for B Rad

<b>Subjects</b>	<b>Proposed APS Minimum points</b>	<b>SMU Admission Score for Preselection</b>
English	4	4
Mathematics	4	4
Physical Science	4	4
Life Science	4	4
Additional subject 1	3	
Additional Subject 2	3	
Life orientation	3	3
<b>Total</b>	<b>25 Points</b>	<b>19 Points</b>

**Other qualifying criteria**

- In addition to the above, applicants from SADC (mainly Lesotho, Swaziland and Namibia), as well as SANDF, have reserved 2 spaces (5%), as per university agreement with the relevant authorities. Despite this, candidates must still fulfil /meet the criteria for admission into the program compatible with those admitted. In cases

where spaces in these categories are not filled, the spaces will be transferred to South African black candidates.

- Students transferring from any SMU program, completed or incomplete, as well as graduates from other recognized institutions have 2 spaces (5%) reserved. These students must obtain an average of 65% in their last summative assessment and have an overall score of no less than 8 for all their credit bearing courses. (See Table 4 for score allocation on academic transcript and Table 5 for additional points awarded)
- Students with incomplete qualification must have passed all their summative modules in the final assessments to be considered. In addition, students who were previously excluded for whatever reason, will not be considered without proof of satisfactory performance guarantee

A total of 40 students can be admitted into the program per academic year. Given the limited spaces, selection and admission into the program is highly competitive and based on merit and availability of space. Importantly, meeting the minimum criteria does not guarantee selection and admission into the program

In order to fulfil the national requirement of improving access, the following demographical data is considered during the entire selection and admission process.

**Table 8: Demographics**

RACE	PERCENTAGE
Black	80.9%
Indians/Asians	2.6%
Whites	7.8%
Coloureds	8.8%

### **3. DIPLOMA IN EMERGENCY MEDICAL CARE (DIP EMC)**

#### **3.1. Requirements**

- Senior Certificate with University exemption, or its equivalent (NQF 4) as determined with an M-score of 10 with a minimum of an E symbol on Higher Grade or D symbol on Standard Grade pass for English, Mathematics, Biology/Physiology, Physical Sciences.
- National Certificate, must have achieved a minimum pass of 60% for English, Mathematics, Life Sciences and Physical Sciences.

National Senior Certificate with a Diploma endorsement must have the following subjects and rating codes

- English 3
- Mathematics 3
- Life Sciences 3
- Physical Sciences 3
- Additional (1) 3
- Additional (2) 3

Total: Minimum 18 points

- The applicant must pass the Medical Fitness and Physical Fitness Evaluations
- Knowledge of swimming is advantageous

#### **3.2. Duration: 2 years**

- Mid-level emergency care worker in EMS.
- Registration with the HPCSA as a Paramedic.
- Professional and personal development to a Bachelor's degree EMC

#### **4. HIGHER CERTIFICATE IN EMERGENCY MEDICAL CARE (HCERT EMC)**

##### **4.1. Requirements**

- Senior Certificate with a minimum of an E symbol on Higher Grade or a D symbol on Standard Grade pass for English Mathematics, Biology and / or Physical Sciences.
- National Certificate (Vocational) with a minimum pass of 60% for English, Mathematics, Life Sciences and / or Physical Sciences.

National Senior Certificate with a Higher Certificate endorsement must have the following subjects and rating codes:

- English 3
- Mathematics 3 or Mathematical Literacy 5
- Life Sciences 3 and or /Physical Sciences 3
- Additional subject (1) 3
- Additional subject (2) 3

Total: Minimum 15 points

- The applicant must pass the Medical Fitness and Physical Fitness Evaluations
- Knowledge of swimming is advantageous

##### **4.2. Duration: 1 year**

- Entry level emergency care worker in EMS.
- Registration with the HPCSA as an Emergency Care Assistant (ECA).
- Professional and personal development to a Diploma EMC and a Bachelor's degree in EMC.

## 12. RULES FOR BACHELOR'S DEGREE PROGRAMMES

### SMB1.6 RULES APPLICABLE TO THE MBChB DEGREE PROGRAMME

The following Rules pertaining to the MBChB degree programme in the School of Medicine **supplement certain of the General Rules quoted in G1 to G28.**

1.6.1	Exemption / Assessment
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- (i) Rules G13 [Assessment] and SMB1.6.6 (i) and SMB1.6.6 (ii) [Clinical Attendance Requirements] applies to MBChB I-IV.
  
- (ii) A student in the first year who repeats a module
  - a) may be exempted from modules in accordance with General Rule G8
  - b) full exemption can be granted for clinical work in MBChB I provided the student has passed POME at the required percentage the year before. This full exemption can only be granted for one year immediately after the year in which POME was passed.
  - c) A student in year I who for whatever reason repeats any of the Assessment courses for the second time must re-attend all the clinical blocks and do all Practice of Medicine assessments because of the clinical components.
  - d) A student who for whatever reason interrupts his/her studies must re-attend all the clinical blocks and do all Practice of Medicine assessments (formative and summative) because of the clinical components.
  - e) A student who has obtained a First Aid or Primary Emergency Care certificate, will not be exempted from the Primary Emergency Care components of POME I.
  
- (iii) A student in the second year who repeats a module
  - a) may be exempted from courses in accordance with General Rule G8
  - b) full exemption can be granted for clinical work in MBChB II provided the student has passed POME at the required percentage the year before. This full exemption can only be granted for one year immediately after the year in which POME was passed.
  - c) A student in year II who for whatever reason repeats any of the Assessment courses for the second time must re-attend all the clinical blocks and do all Practice of Medicine assessments because of the clinical components.
  - d) A student who for whatever reason interrupts his/her studies must re-attend all the clinical blocks and do all Practice of Medicine assessments (formative and summative) because of the clinical components.
  
- (iv) A student in the third year who repeats a module
  - a) No exemption can be granted for clinical work in MBChB III curriculum
  - b) A student in the third year who repeats a year of study may be exempted from courses in accordance with General Rule G8 provided the courses do not have the clinical component
  - c) A student in year III who repeats any of the Assessment courses must re-attend all the clinical blocks and do **all** Practice of Medicine assessments.
  - d) A student who for whatever reason interrupts his/her studies must re-attend all the clinical blocks and do **all Practice of Medicine assessments (formative and summative)** because of the clinical components.
  
- (v) A student in the fourth year who repeats a module
  - a) No exemption can be granted for clinical work in MBChB IV curriculum

- b) A student in the fourth year who repeats a year of study may be exempted from courses in accordance with General Rule G8 provided the courses do not have the clinical component.
  - c) A student in year **IV** who repeats any of the Assessment courses must re-attend all the clinical blocks and do **all** Practice of Medicine assessments.
  - d) A student who for whatever reason interrupts his/her studies must re-attend all the clinical blocks and do **all Practice of Medicine assessments (formative and summative)** because of the clinical components.
  - e) A student who has obtained a First Aid or Primary Emergency Care certificate will not be exempted from the Intermediate Emergency Care components of POME IV.
- (vi) MBChB IV POME 4 Repeaters
- A student who fails any one of the eight clinical block components in POME i.e. Internal Medicine, Surgery, Orthopaedics, Obstetrics & Gynaecology, Paediatrics & Child Health, Family Medicine, IEC, Psychiatry:
- a) Registers for MBChB IV.
  - b) Repeats the ONE POME 4 clinical block component failed over the duration of the first scheduled clinical block and participates in all assessments of the block, in order to, **if successful**, enter the supplementary examination period for MBChB IV in week 6 of the repeat academic year.
  - c) If successful in both the repeat block and the summative assessment / re-examination, the student registers for MBChB V for those courses that he/she is able to complete during the scheduled academic programme before the 31<sup>st</sup> of December of that year of registration. The student should re-registers for the outstanding MBChB V course/s at the beginning of the following year.
  - d) If a student fails more than ONE clinical block components in POME, the above concessions in b) and c) do not apply and therefore the student registers for MBChB IV and repeats the whole year.

#### MBChB V & VI: See rule 1.6.5

1.6.2	Failing a year
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- (i) A student who fails any assessment year course in any year fails the year. All year courses in the School of Medicine must be examined as such, and not as semester or modularized courses.
- (ii) A student who fails any one of the MBChB I or MBChB-ECP II Semester 1 modules (*Medical Biology, Medical Physics, Medical Chemistry, Psychology for Medicine and English*)
  - a) registers for the repeat module in semester 2;
  - b) can be exempted from attendance of learning events but must participate in all required assessments events;
  - c) can request the relevant department HoD to arrange sessions of supplementary instruction;
  - d) may enter the final summative assessment at the end of semester 2; and if passed, may register for MBChB II or MBChB-ECP III in the following year; but if failed, will not be permitted a third attempt at passing the module as they will be deemed to have failed the module twice. Refer to the relevant General and School rules.
- (iii) A student who fails more than one MBChB I or MBChB-ECP II semester 1 modules (*Medical Biology, Medical Physics, Medical Chemistry, Psychology for Medicine and English*) cannot register for semester II, and therefore will only be permitted to register for and repeat the failed modules in semester 1 of the following academic year, subject to relevant General and School rules.
- (iv) A student who fails the MBChB I or MBChB-ECP II Semester 2 *Indigenous languages* module **only** may:



- a) register for the repeat module in semester 1 of the following academic year;
  - b) register for MBChB II or MBChB-ECP III modules in the following academic year;
  - c) can be exempted from attendance of learning events of the module failed but must participate in all required assessments events;
  - d) can request the relevant department HoD to arrange sessions for supplementary instruction;
  - e) enter the final summative assessment of the failed module at the end of semester 1; and if passed, may continue with MBChB II or MBChB-ECP III; but if failed, will not be permitted a third attempt at passing the module.
  - f) appeal the decision in (e) above should s/he have passed all MBChB II or ECP III modules.
- (v) A student who fails MBChB I or MBChB-ECP II, Semester 2 modules (*Introduction of the Human Body and Medical Terminology*) for the first time may:
- a) register for the repeat module in Semester 2 of the following academic year;
  - b) not register for MBChB II or MBChB-ECP III as the module Introduction of the Human body and Medical Terminology is a prerequisite for all year modules in MBChB II and MBChB-ECP III.
  - c) No modules in MBChB II or MBChB-ECP III can be taken in advance.

1.6.3	Practice of Medicine
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- (i) Repeating students who previously passed **POME III and IV**.  
Any student who fails **assessment courses in third or fourth year**, must also register for Practice of Medicine even if POME was passed in the previous year, because of its clinical component. This does not apply to POME I, II and V.
- (ii) Students who interrupted studies or were previously excluded from MBChB studies
- (a) Any student who previously interrupted his/her studies or was excluded for academic reasons in any year prior to the implementation of Practice of Medicine, has to register for Practice of Medicine applicable to the year in which he/she is admitted.
  - (b) The student does not have to do Practice of Medicine for the previous years, but the onus is on the student to obtain such skills from the previous years Practice of Medicine that may be required.
- (iii)
- (a) Internal Medicine, Surgery, **Orthopaedics**, Obstetrics & Gynaecology, Psychiatry, Paediatrics & Child Health, **Family Medicine and IEC** are clinical components of POME IV in the 4<sup>th</sup> year.
  - (b) A clinical component requires that the student be assessed before promotion and in order to be promoted to 5<sup>th</sup> year **the** student must pass all clinical components of POME IV, as well as the theory / summative assessment.
  - (c) The clinical assessment will take place during and at the end of the clinical block (EBA).
  - (d) The theoretical assessment can occur either at the completion of the scheduled lectures or on a continuous evaluation basis throughout the year.
  - (e) The pass mark for both clinical and theoretical assessment is 50%.

1.6.4	Oral Assessments
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- (i) Oral Assessments will be adapted to suit the needs of the course concerned **and will be reflected in the Students Guidelines**.
- (ii) Heads of Departments must inform all students at the beginning of the year in writing if an oral Assessment would form part of the evaluation process and if so, the contribution these marks would make to their **formative and summative** marks.

- (iii) For practical purposes of validity and reliability, the examiners for oral Assessments should preferably prepare a list of parallel/equivalent questions.
- (iv) Special provision and/or allowances will be made for students with speech impairments of any nature in oral Assessments.
- (v) A permanent verifiable record of the response of the student should be recorded and kept by the department.

1.6.5	MBChB V & MBChB VI
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1.6.5.1	Assessments MBChB V
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- (i) The MBChB V final summative Assessment will be offered at the end of each clinical block, with External Examiners involved in the Assessment.
- (ii) The format of the End of Block Assessments may consist of a written, oral and/or clinical assessment in each of the Assessment courses. The format of Assessments in MBChB V courses will be indicated in the published teaching programmes of the relevant clinical departments.
- (iii) As Summative Assessments are offered at the end of each block, exemptions from the standard examination are no longer relevant.
- (iv) Regardless of the final mark a student must pass the clinical attendance and performance requirements of the clinical block
- (v) Rules G13 [Assessment] and SMB1.6.6 [Clinical Attendance Requirements] applies to MBChB V.
- (vi) A student who fails any block assessment, but meet the requirements for entry into a supplementary examination, will only be allowed the supplementary opportunity **at the end of the year**. Should the student fail the supplementary opportunity, he/she will have to repeat a block in the failed discipline in the following year.
- (vii) A student who obtains a block mark of between 70% and 74% may apply in writing to the department to enter for the supplementary assessment in that discipline at the end of the year order to improve the mark. If the student obtains a higher mark, it will replace the original mark on the academic record. If the student does not obtain a higher mark, the original mark will be retained.
- (viii) If by the year-end a student has failed any one of the blocks,
  - a) the student will have to register and repeat the blocks failed
  - b) The student must repeat a full clinical rotation as per attendance and performance requirements stipulated by the department in each of the courses failed
  - c) the end of block Assessment will be handled by the department(s) concerned, but an external examiner must be involved.
- (ix) Once all blocks at MBChB V level are successful passed, and where feasible, the student can register for MBChB VI for those courses that he/she is able to complete before the 31<sup>st</sup> of December of that year of registration.

1.6.5.2	Assessments MBChB VI
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- (i) The final summative MBChB VI Assessment will be offered at the end of each clinical block, with External Examiners involved in the Assessment.
- (ii) The format of the End of Block Assessments may consist of a written, oral and/or clinical assessment in each of the Assessment courses. The format of Assessments in MBChB V courses will be indicated in the published teaching programmes of the relevant clinical departments.
- (iii) Regardless of the final mark a student must pass the clinical attendance and performance requirements of the clinical block.
- (iv) Rules G13.1 and SMB1.6.6 [Clinical Attendance Requirements] applies to MBChB VI.
- (v) A student who fails any block assessment, but meet the requirements for entry into a supplementary examination, will only be allowed the supplementary opportunity **at the end of the year**. Should the student fail the supplementary opportunity, he/she will have to repeat a block in the failed discipline in the following year.
- (vi) A student who obtains a block mark of between 70% and 74% may apply in writing to the department to enter for the supplementary assessment in that discipline at the end of the year order to improve the mark. If the student obtains a higher mark, it will replace the original mark on the academic record. If the student does not obtain a higher mark, the original mark will be retained.
- (vii) If by the year-end a student has failed any one of the blocks
  - (1) The student will have to register and repeat the blocks failed
  - (2) The student must repeat a full clinical rotation as per attendance and performance requirements stipulated by the department in each of the courses failed
  - (3) The end of block Assessment will be handled by the department(s) concerned, but an external examiner must be involved.
- (viii) Once all blocks at MBChB VI level are successful passed, and where feasible, the student can take oath and register with HPCSA for internship

1.6.6	Clinical Attendance Requirements
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- (i) If a student does not comply with the attendance requirements for the relevant clinical block as detailed in the published teaching programme of the department, the Head of the Department may refuse permission for the student to enter for the next summative assessment in that discipline until he or she has met the attendance requirements.
- (ii) Permission to take the summative assessment in a final year discipline is therefore dependent on satisfactory clinical attendance and performance during the formative assessment.
- (iii) Specific departmental requirements approved by MEDEX on behalf of **the** School Board of Medicine **and ratified by Senate**, must be brought to the attention of the students in writing at the beginning of the year.
- (iv) Clinical students in MBChB IV, V and VI are NOT exempted from clinical work on weekends, Public Holidays or University lecture free days.

1.6.7	Granting of Degrees
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- (i) The degree MBChB is awarded to a student who has passed all courses of the sixth year.
- (ii) The degree with distinction is awarded:
  - (a) to a student who obtains an average mark of 75% for the seven final year courses and not less than 65% in any individual final year courses.
  - (b) to a student who obtains a qualification within the minimum prescribed period.

1.6.8	Courses in advance/Carrying of subject
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- (i) No courses in advance are allowed in any of the years in the MBChB course.
- (ii) Carrying of modules is allowed in MBChB I and II.
- (iii) Students who have a light academic load due to exemptions from a previous qualification are advised to register for modules outside the MBChB curriculum for NDP. (*Non degree purposes*)

1.6.9	Applications for Interruption of Studies
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Applications for interruption of studies should be submitted to the Office of the Dean not later than the last day of May, for ratification by the 2<sup>nd</sup> annual meeting of Senate. Only exceptional cases should come through to the 3<sup>rd</sup> annual meeting of Senate.

1.6.10	Interruption of Studies
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- (i) A student who for any reason should interrupt his/her studies with or without permission of Senate for a period of three (3) years or longer will be required to successfully repeat the last completed year of his/her study, before being allowed to continue with his/her studies.
- (ii) This entails redoing all assessment courses (as listed under Rule SMB 1.5); theory as well as attendance and EOB assessment. No full or provisional exemptions are permitted. A re-Assessment in the same Assessment period is allowed in each subject.
- (iii) Rules SMB1.6.1 (ii) and SMB1.6.10 (i) shall apply to any student who is re-admitted to MBChB, after exclusion from the University or excluded from another faculty.
- (iv) A student who fails a year twice will be excluded from the MBChB programme. A student who fails an assessment course (as listed under Rule SMB 1.5) twice will be excluded from the MBChB degree programme except in the 5th and 6th years. In the 5th and 6th year, a student who failed any assessment course twice will be allowed one more opportunity to repeat the assessment course. Such third attempt will be permitted provided that this can be completed in line with SMB 1.6.5 and SMB 1.6.6, in compliance with Rule G11.
- (v) In the case of a student who suffers from a psychological or psychiatric ailment or from substance abuse of any kind that is professionally assessed to impair his/her function, such student will be deemed to have interrupted his/her studies. This interruption; however, will only be effected if the duration of such illness exceeds more than three calendar months per two-year period or is significant enough to interrupt the academic programme.
- (vi) For re-admission, such a student will need to submit evidence of an attack-free period of at least one year, furnished by two independent registered psychiatrists. Notwithstanding this requirement, the University reserves the right to request an independent psychiatric assessment from its own Psychiatrist.

- (vii) In the event of a student who has been found during the course of his/her studies to be suffering from a psychological or psychiatric disorder or from substance abuse of any kind, the **School** is **obliged** to inform the HPCSA about the student's condition. The student concerned will be informed accordingly. The fitness to practice his/her profession in such a case will be decided upon by the HPCSA.

1.6.11	Assessment Fraud
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Refer General Rule G18.

#### **SMB1.7 DEPARTMENTAL RULES APPLICABLE TO THE MBChB DEGREE PROGRAMME**

All departments should make available to students in writing the following information at the beginning of the academic year or the practical block in the final year.

- (i) Dates and times of tests and other assessments.
- (ii) Method by means of which year marks will be calculated.
- (iii) Circumstances under which exemption could be granted from the final Assessment.
- (iv) Method of assessment, which would be used.

#### **SMB1.8 HEPATITIS B VACCINE**

It is the student's responsibility to get vaccinated against Hepatitis B in the first year of MBChB. If a student has already been immunized, he/she should present a certificate as proof.

### **SMB2 B RAD (DIAGN) DEGREE PROGRAMME (006)**

#### **SMB2.1 SELECTION AND ADMISSION REQUIREMENTS**

2.1.1	Selection
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- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a selection committee and notified accordingly by the office of the registrar. The selection criteria and the selection process are decided annually by a subcommittee of the school of medicine
- (ii) Students who have excluded from Sefako Makgatho Health Sciences University or from any other University may apply as part of the normal admission and selection processes, subject to rule SMB 1.2.2 (v).

2.1.2	Admission requirements
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- (i) Applicants must be at least 18 years of age and be in possession of a Matriculation or national senior certificate with minimum score of 4 in Mathematics, Physical Science, English and Life Sciences.
- (ii) Whereas admission of a student is by selection, a request for change of course between faculties should only be handled by application to the other faculty of r admission to the following year, via the normal application process
- (iii) No students shall be permitted to register for any course in the following year of study unless he/ she have passed all required courses of the previous year.

- (iv) A student who has previously been excluded from SMU or any other University for academic reasons must proof academic competence before she/ he may be considered for selection in terms of the University selection procedure
- (v) Any student registered for Radiography at any level of study must obey all rules pertaining to program implementation including clinical placement. Absence from the program for 3 weeks or more (continuously or cumulatively) may be subject to extension of the course to the duration of the absence or clinical experiences missed
- (vi) Final selection or admission by applicant to the program is in accordance with rules outlined in the university and school rules as approved by council
- (vii) No students shall be permitted to renew his/ her registration unless all outstanding debts have been paid in full or acceptable arrangements have been made with the Director: Finance
- (viii) A student is subject to the rules pertaining to all subjects/ courses for that year of study
- (ix) Should a student fail a year of study, the student will then be subject to the rules, which are valid for his/her year of re-registration as this is in the best academic interest of the student.

## **SMB2.2 GENERAL**

### **2.2.1 Registration with the Health Professions Council of South Africa**

Students admitted for the first time must register with the Health Professions Council of South Africa on or before 28 February of the current year. The HPCSA requires the following documents before registration can be effected:

- (i) Birth Certificate or ID document
- (ii) Matriculation/Matriculation Exemption Certificate
- (iii) Proof of having commenced professional study for the B Rad degree at Sefako Makgatho Health Sciences University.
- (iv) A registration fee determined by the HPCSA

### **2.2.2 Clinical Education and Practice**

- (i) Students receive clinical education and practice at accredited hospitals located in Gauteng, Limpopo and North West province. This means that the students, apart from registering with Sefako Makgatho Health Sciences University for the education and training, are appointed as honorary students by the hospitals accredited for Sefako Makgatho Health Sciences University on a rotational basis. As such they fall under the jurisdiction of the relevant hospital rules and must comply with the Guidelines and Policies set by those Provincial Hospital Services.
- (ii) Students must be exposed to all clinical environments in the different training sites, no student is allowed to choose a clinical training site, but must abide by the departments allocation practices and clinical practice guidelines

### **2.2.3 Duration**

Minimum three (3) and maximum 5 academic years of full-time study.

## **SMB2.3 CARRYING OF MODULES**

The above rule change pertains to B Rad I and II

Year level	Module Name	Module Code	Rationale	Time tables	Clinical
B Rad I	Computer Fundamentals	COSC011	1 <sup>st</sup> semester module	A student who fails COSC011 will	Clinical allocations for affected students will be only at Dr

			<p>Not a prerequisite for any other module</p> <p>Applicable to students who only fail COSC011</p> <p>Module cannot be offered in the 2<sup>nd</sup> semester for repeat students (department capacity)</p> <p>If the request is not approved, students who fail this one module will repeat the module in the 1<sup>st</sup> semester of the next academic year, and wait for the following academic year to register for the 2<sup>nd</sup> year level</p>	<p>register for the module in the first semester of the next level of study and attend all classes and assessments for the module</p> <p>Where there are clashes in the time table with department modules, supplementary support will be provided for department modules by arrangement with the lecturer through the HOD</p> <p>Examinations dates for this module will be prioritized and a catch up plan for the missed classes for the departmental modules will be arranged with the lecturer through the HOD</p>	<p>GMAH to allow affected students to attend classes, assessments and practical sessions for the module</p> <p>Where clinical time or experience may be lost, tutors will work with affected students on a catch up plan in line with time lost or experiences missed</p> <p>Students will join the main group for clinical placements in the second semester</p>
B Rad II	Professional Literacy & Research	(PRLR020) 1 <sup>st</sup> semester module, see PQM	<p>1<sup>st</sup> semester module</p> <p>Not a prerequisite for any other module</p> <p>Module offered by the department of radiography</p> <p>Applicable to students who fail one semester module <b>only</b></p>	<p>Time table clashes will be avoided by providing supplementary tuition outside of the normal schedules</p> <p>All assessments (formative and summative) dates will be confirmed in collaboration with the affected students</p>	<p>No clinical time or experiences will be affected, affected students will be able to complete their clinical requirements</p> <p>Allocation will be the same as for the main group</p>
	Radiopharmacology	(RPHA020) 1 <sup>st</sup> semester module, see PQM	<p>1<sup>st</sup> semester module</p>	<p>Time table clashes will be avoided by providing supplementary</p>	<p>No clinical time or experiences will be affected, affected students will be able to</p>

			<p>Not a prerequisite for any other module</p> <p>Applicable to students who fail one semester module only</p> <p>Module offered by the Department of Radiography in collaboration with Clinical Pharmacology and Therapeutics Department</p>	<p>tuition outside of the normal schedules</p> <p>All assessments (formative and summative) dates will be confirmed in collaboration with the affected students</p>	<p>complete their clinical requirements</p> <p>Clinical allocation will be the same as for the main group</p>
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#### **SMB2.4 RULES APPLICABLE TO THE B RAD (DIAGN) DEGREE PROGRAMME**

##### **2.4.1 Assessment Mark**

- (i) Final combined Assessment mark is calculated according to rule G14.5
- (ii) A student who fails to obtain a 40%-year mark sub-minimum (formative assessment) will not be eligible to sit for the exam (summative assessment). G14:1.1
- (iii) For Radiation Techniques I, II & III a year mark (formative assessment) of 50% is required for clinical part of the course and 40% for the theoretical part.
- (iv) A student in the final year of study, who fails to obtain a 50% clinical year mark (formative assessment) sub-minimum (formative assessment) will be compelled to do extended clinical period at the end of the academic year after which a clinical assessment will be conducted.

##### **2.4.2 Re-Assessments**

- (i) The General rule G15 applies
- (ii) A student may be admitted to re-Assessment in all courses failed according to rule G15.3 and 15.4.
- (iii) A student who fails the standard Assessments as well as the re-Assessment has to repeat the year. Clinical practice appropriate to the year level will also be repeated.
- (iv) If a student fails first or second year of study twice, general rule G27:2.1 will apply except in the final year where Rule G11 and G27:3.1 will apply.
- (v) A final year student, who passes all the written Assessments and clinical assessments but fails to comply with the number of clinical hours as specified by the HPCSA as well as required clinical competence, shall repeat the clinical component for the period to be determined by the shortfall
- (vi) However, if this student fails to complete the outstanding hours within the period specified, he/she must re-register for B Rad III ½ year to complete these clinical requirements during the 1st semester in order to graduate the following year.
- (vii) During the period of completing the necessary clinical requirements, the student must perform the clinical radiographic techniques applicable to the final year of study to the satisfaction of the department.
- (viii) A final year student, who fails one oral in the re-Assessment, must re-register for B Rad III ½ year to complete the programme.



2.4.3	Oral Assessment
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- (i) Oral Assessments where possible
- (ii) For practical purposes of validity and reliability, the examiners for oral assessments should preferably prepare a list of parallel/ equivalent questions
- (iii) Special provision and or allowances will be made for students with speech impairments of any nature in oral assessments
- (iv) A permanent verification record of the response of the student should be recorded and kept by the department

2.4.2	Exemptions
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- (i) Any student who fail any other subject will have to repeat Radiation Technique even if they passed it in the previous year because it has a clinical component
- (ii) Provisional exemption is granted for Radiation Techniques I, II and III only for students who are repeating other subjects. Students must obtain at least 50% in the clinical part and 50% in theory part to obtain full exemption. An average mark of 60% (theory & clinical)
- (iii) Full exemption in other courses is granted to students who have obtained at least 50% in the Assessment.

2.4.5	Professional Board
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- (i) Minimum standards for Radiography Training (HPCSA F20/85 dated September 1992).
- (ii) The minimum number of practical/clinical hours, which is required of a student over the three-year program, is 2500 hours.
- (iii) Emergency duty should only be undertaken after 3 months of training and then only under the supervision of a fully qualified radiographer in an accredited clinical site. Students should acquire emergency duty experience for a total of at least 240 hours per annum during their second and third year of training.
- (iv) A certified record of practical experience is required for each student.
- (v) Continuous clinical evaluation with due reference to the theoretical syllabi is carried out throughout the three years of training.

2.4.6	Granting of Degree
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- (i) The Degree in Diagnostic Radiography is awarded to a student who has passed all courses of the third year and has complied with all the practical requirements of the programme.

2.4.7	Degree with Distinction
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The degree with distinction is conferred to a student who obtains:

- (ii) An average of 75% over the duration of study
- (iii) The qualification within the minimum prescribed period.

2.4.8	Application for interruption of studies
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- (i) A student may apply for interruption of studies due to personal reasons including psychological or psychiatric challenges which should be submitted to the office of the Dean not later than the last day of May, for ratification by the second annual meeting of Senate. Only exceptional cases should come through to the third annual meeting of Senate.

2.4.9	Interruption of studies
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- (i) A student who for any reason should interrupt his/ her studies with or without permission of Senate for a period of three (3) years or no longer will be required to successfully repeat the last completed year of his/ her study before being allowed to continue with his/ her studies
- (ii) This entails redoing all assessment courses (as listed under rule SMB 2.3) theory as well as attendance and EOB assessment. No full or provisional exemption is permitted. A re assessment in the same assessment period is allowed in each subject
- (iii) In the case of a student who suffers from psychological or psychiatric ailment or from substance abuse of any kind that is professionally assessed to impair his/ her function, such student will be deemed to have interrupted his/ her studies. This interruption however, will only be effected if the duration of such illness exceeds more than three calendar months per two-year period or is significant enough to interrupt the academic programme
- (iv) For re-admission, such a student will need to submit evidence of an attack-free period of at least one year, furnished by two independent registered psychiatrists. Notwithstanding this requirement, the university reserves the right to request an independent psychiatric assessment from its own psychiatrist
- (v) In the event of a student who has been found during the course of his/her studies to be suffering from a psychological or psychiatric disorder or from abuse of any kind the school is obliged to inform the HPCSA about the student condition. The student concerned will be informed accordingly. The fitness to practice his/her profession in such a case will be decided upon by the HPCSA.

2.4.10	Clinical attendance
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- (i) Clinical attendance is in line with HPCSA requirements
- (ii) All clinical allocations must be attended to fulfil this HPCSA requirements for progression and certification
- (iii) Students of clinical placement are not exempted from weekends, public holidays or university lecture free days

<b>13. UNDERGRADUATE PROGRAMMES</b>
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<b>SMB: BACHELORS DEGREE PROGRAMMES</b>
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<b>SMB1 MBChB DEGREE PROGRAMME (BMC01)</b>
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<b>SMB1.1 GENERAL INFORMATION</b>
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Students qualifying for admission to MBChB at the Sefako Makgatho Health Sciences University should obtain the necessary application forms from the Registrar. They are required to enclose the following with their completed application forms

- (i) Certified copy of Matriculation/Matriculation Exemption Certificate
- (ii) Certified copy of Degree Certificate and/or Transcript of University Academic Record
- (iii) Certified copy of Certificate of Conduct from university(ies) attended

Graduate students from other universities with acceptable academic performance will be considered for admission to MBChB I.

<b>SMB1.2 SELECTION AND ADMISSION REQUIREMENTS</b>
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1.2.1	Selection
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- (i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the office of the Registrar. The selection criteria and the selection process are decided annually by a subcommittee of the School of Medicine.
- (ii) Students who have been excluded from Sefako Makgatho Health Sciences University or from any other University may apply as part of the normal admission and selection processes, subject to Rule SMB 1.2.2 (v).

1.2.2	Admission requirements
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- (i) Applications for admission to MBChB I can be considered only from students who are in possession of/about to receive a Matriculation or Matriculation Exemption Certificate with pass marks of a C (HG) or equivalent in Mathematics and Physical Science.  
**Note:** If an applicant's matriculation certificate does not indicate a pass in Mathematics, a further certificate to the effect that an Assessment in Mathematics of a standard at least equivalent to that of the Matriculation Assessment has been passed, is required.
- (ii) Whereas admission of a student is by selection, a request for change of course between faculties should only be handled by application to the other faculty for admission to the following year, via the normal application process.
- (iii) Students will not be eligible for admission at a level higher than MBChB III. This decision is at the discretion of the Selection Committee residing by the Dean of the School or appointee (on behalf of the Council) in applying the rules for such an admission.
- (iv) No student shall be permitted to register for any course in the following year of study unless s/he has passed all required courses of the previous year.
- (v) A student who has previously been excluded from the Sefako Makgatho Health Sciences University or any other University for academic reasons must prove academic competence by having successfully completed a relevant BSc degree majoring in one of the following subjects/courses Anatomy, Physiology, Biochemistry and Microbiology or Bachelor of Medical Sciences degree (B.Med.Sci) before s/he may be considered for possible selection in terms of the normal selection procedure. A second exclusion is permanent.
- (vi) No student shall be permitted to renew his/her registration unless all outstanding debts have been paid in full or acceptable arrangements have been made with the Director: Finance.
- (vii) A student is subject to the rules pertaining to all subjects/courses for that year of study.
- (vii) Should a student fail a year of study, the student will then be subject to the rules, which are valid for his/her year of re-registration **as this is in the best academic interest of the student.**
- (viii) Any student admitted to MBChB I or promoted to MBChB II – IV, must commence attending the course no later than three weeks after the first lectures/practicals of that study year has commenced. A student, who can only start the course for whatever reason, after that time, will be admitted to that course only in the next academic year. Such students will have to apply to School Board for interruption of studies for the duration of the relevant academic year stating the reasons for this.

**SMB1.3 DURATION**

The minimum duration of the degree programme is six years, and the maximum duration is 8 years.

**SMB1.4 REGISTRATION WITH THE HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA**

Medical students admitted to the Sefako Makgatho Health Sciences University for the first time (MBChB I) must register with the Health Professions Council of South Africa (HPCSA) on or before 28 February.

For registration with the HPCSA as a Medical Student, the following is required:

- Birth Certificate or ID document
- Matriculation/Matriculation Exemption Certificate
- Certificate of having passed an Assessment in Mathematics at the required level (where applicable)
- Proof of having commenced professional study for the MBChB degree at Sefako Makgatho Health Sciences University (supplied by Sefako Makgatho Health Sciences University)
- A registration fee determined by the HPCSA

Students who have successfully completed the fifth year of study, are required to register with the HPCSA as Student Interns for the sixth year of study

**SMB1.5 CURRICULUM MBChB (BMC01)**

PERIOD OF STUDY / YEAR LEVEL 1 NQF level 5				
Module Code	Offering Period	Possible major	SAQA Credit	Hemis Credit <sup>4</sup>
<b>The following 8 modules are COMPULSORY</b>				
MBLB011 Medical Biology	S1	N	12	0.1
MBPC011 Medical Physics	S1	N	12	0.1
MCHE011 Medical Chemistry	S1	N	12	0.1
MEHS011 English for Medicine	S1	N	8	0.067
MHUC011 Psychology for Medicine	S1	N	12	0.1
MPOM010 Practice of Medicine I	Y	Y	32	0.267
MHBT012 Human Body and Basic Medical Terminology	S2	N	28	0.233
MINL012 Indigenous Languages	S2	N	4	0.033
<b>Total credits for the year</b>			<b>120</b>	<b>1</b>
<b>TOTAL CREDITS FOR YEAR LEVEL 1: SAQA CREDITS = 120; HEMIS CREDITS = 1</b>				

PERIOD OF STUDY / YEAR LEVEL 2 NQF level 6				
Module Code	Offering Period	Possible major	SAQA Credit	Hemis Credit
<b>The following 2 modules are COMPULSORY</b>				
MIBS020 Integrated Body Systems	Y	N	100	0.781
MPOA020 Practice of Medicine II	Y	Y	28	0.219
<b>Total credits for the year</b>			<b>128</b>	<b>1</b>
<b>TOTAL CREDITS FOR YEAR LEVEL 2: SAQA CREDITS = 128; HEMIS CREDITS = 1</b>				

PERIOD OF STUDY / YEAR LEVEL 3 (Credit re-calculation based on actual harmonised timetable). NQF level 6						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
The following 6 modules are COMPULSORY			Old	New	Old	New
MAPA030 Anatomical Pathology Practice	Y	N	36	32	0.205	0.229
MMMA030 Medical Microbiology	Y	N	36	32	0.205	0.229
MPOA030 Practice of Medicine III	Y	Y	44	36	0.25	0.257
MPSB030 Medical Psychology	Y	N	22	12	0.125	0.086
MPYB030 Pharmacology	Y	N	30	24	0.170	0.170
MSEA030 Selective I	Y	N	8	4	0.045	0.029
Total credits for the year			176	140	1	1
TOTAL CREDITS FOR YEAR LEVEL 3: SAQA CREDITS = 176(old) 140 (new); HEMIS CREDITS = 1						

PERIOD OF STUDY / YEAR LEVEL 4 (Credit re-calculation based on timetable). NQF level 7						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
The following 6 modules are COMPULSORY			Old	New	Old	New
MCAA040 Chemical Pathology Practice	Y	N	36	32	0.205	0.222
MFPA040 Forensic Medicine	Y	N	30	20	0.170	0.139
MPBA040 Community Health	Y	N	22	20	0.125	0.139
MPOA040 Practice of Medicine IV	Y	Y	44	52	0.25	0.361
MPYA040 Clinical Pharmacology	Y	N	36	16	0.205	0.111
MSEA040 Selective II	Y	N	8	4	0.045	0.028
Total credits for the year			176	144	1	1
TOTAL CREDITS FOR YEAR LEVEL 4: SAQA CREDITS = 176 (old) 144 (new); HEMIS CREDITS = 1						

PERIOD OF STUDY / YEAR LEVEL 5 (Credit re-calculation based on timetable) NQF level 8						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
The following 6 modules are COMPULSORY			Old	New	Old	New
MINA050 Internal Medicine	Y	Y	36	32	0.167	0.167
MOBA050 Obstetrics & Gynaecology	Y	Y	36	32	0.167	0.167
MPDB050 Paediatrics & Child Health	Y	Y	36	32	0.167	0.167
MPOA050 Practice of Medicine	Y	Y	36	32	0.166	0.166
MPSA050 Psychiatry	Y	Y	36	32	0.166	0.166

MSUA050 General Surgery	Y	Y	36	32	0.167	0.167
<b>Total credits for the year</b>			216	192	1	1
<b>TOTAL CREDITS FOR YEAR LEVEL 2: SAQA CREDITS = 216 (old); 192 (new) HEMIS CREDITS = 1</b>						

PERIOD OF STUDY / YEAR LEVEL 6 (Credit re-calculation based on timetable). NQF level 8						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
<b>The following 7 modules are COMPULSORY</b>			Old	New	Old	New
MFAA060 Family Medicine	Y	Y	40	36	0.164	0.164
MINA060 Internal Medicine	Y	Y	40	36	0.164	0.164
MOBA060 Obstetrics & Gynaecology	Y	Y	40	36	0.164	0.164
MPHA060 Paediatrics & Child Health	Y	Y	40	36	0.164	0.164
MPSA060 Psychiatry	Y	Y	24	20	0.098	0.098
MSUA060 General Surgery	Y	Y	40	36	0.164	0.164
MSUB060 Orthopaedics	Y	Y	20	20	0.082	0.082
<b>Total credits for the year</b>			244	220	1	1
<b>TOTAL CREDITS FOR YEAR LEVEL 6: SAQA CREDITS = 244 (old); 220(new) HEMIS CREDITS = 1</b>						

#### SMB1.5 CURRICULUM MBChB ECP (BMCA01)

PERIOD OF STUDY / YEAR LEVEL 1				
Foundation year				
Module Code	Offering Period	Possible major	SAQA Credit	Hemis Credit <sup>4</sup>
<b>The following 6 modules are COMPULSORY</b>				
MFBC010 (Foundation Medical Bio-Chemistry)	Y	N	20	
MFBP010 (Foundation Bio-Physics and Numeracy)	Y	N	20	
MFEN010 (Foundation English for Medicine)	Y	N	20	
MFHB010 (Foundation Introduction to the Human Body)	Y	N	16	
MFMB010 (Foundation Medical Biology)	Y	N	12	
MFSS010 (Foundation Study Skills + Computer Literacy)	Y	N	32	
<b>Total credits for Semester 1 modules</b>			120	1
<b>TOTAL CREDITS FOR YEAR LEVEL 1: SAQA CREDITS = 120; HEMIS CREDITS = 1</b>				

PERIOD OF STUDY / YEAR LEVEL 2 NQF level 5				
Module Code	Offering Period	Possible major	SAQA Credit	Hemis Credit <sup>4</sup>
<b>The following 8 modules are COMPULSORY</b>				
MBLB011 Medical Biology	S1	N	12	0.1
MBPC011 Medical Physics	S1	N	12	0.1
MCHE011: Medical Chemistry	S1	N	12	0.1
MEHS011: English for Medicine	S1	N	8	0.067
MHUC011: Psychology for Medicine	S1	N	12	0.1
MPOM010: Practice of Medicine I	Y	Y	32	0.267
MHBT012: Human Body and Basic Medical Terminology	S2	N	28	0.233
MINL012: Indigenous Languages	S2	N	4	0.033
<b>Total credits for the year</b>			<b>120</b>	<b>1</b>
<b>TOTAL CREDITS FOR YEAR LEVEL 2: SAQA CREDITS = 120; HEMIS CREDITS = 1</b>				

PERIOD OF STUDY / YEAR LEVEL 3 NQF level 6				
Module Code	Offering Period	Possible major	SAQA Credit	Hemis Credit
<b>The following 2 modules are COMPULSORY</b>				
MIBS020: Integrated Body Systems	Y	N	100	0.781
MPOA020: Practice of Medicine II	Y	Y	28	0.219
<b>Total credits for the year</b>			<b>128</b>	<b>1</b>
<b>TOTAL CREDITS FOR YEAR LEVEL 3: SAQA CREDITS = 128; HEMIS CREDITS = 1</b>				

PERIOD OF STUDY / YEAR LEVEL 4 (Credit re-calculation based on actual harmonised timetable). NQF level 6						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
The following 6 modules are COMPULSORY			Old	New	Old	New
MAPA030 Anatomical Pathology Practice	Y	N	36	32	0.205	0.229
MMMA030 Medical Microbiology	Y	N	36	32	0.205	0.229
MPOA030 Practice of Medicine III	Y	Y	44	36	0.25	0.257
MPSB030 Medical Psychology	Y	N	22	12	0.125	0.086
MPYB030 Pharmacology	Y	N	30	24	0.170	0.170
MSEA030 Selective I	Y	N	8	4	0.045	0.029
Total credits for the year			176	140	1	1
TOTAL CREDITS FOR YEAR LEVEL 4: SAQA CREDITS = 176(old) 140 (new); HEMIS CREDITS = 1						

PERIOD OF STUDY / YEAR LEVEL 5 (Credit re-calculation based on timetable). NQF level 7						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
<b>The following 6 modules are COMPULSORY</b>			Old	New	Old	New
MCAA040 Chemical Pathology Practice	Y	N	36	32	0.205	0.222
MFPA040 Forensic Medicine	Y	N	30	20	0.170	0.139
MPBA040 Community Health	Y	N	22	20	0.125	0.139
MPOA040 Practice of Medicine IV	Y	Y	44	52	0.25	0.361
MPYA040 Clinical Pharmacology	Y	N	36	16	0.205	0.111
MSEA040 Selective II	Y	N	8	4	0.045	0.028
<b>Total credits for the year</b>			176	144	1	1
<b>TOTAL CREDITS FOR YEAR LEVEL 5: SAQA CREDITS = 176 (old) 144 (new); HEMIS CREDITS = 1</b>						

PERIOD OF STUDY / YEAR LEVEL 6 (Credit re-calculation based on timetable) NQF level 8						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
<b>The following 6 modules are COMPULSORY</b>			Old	New	Old	New
MINA050 Internal Medicine	Y	Y	36	32	0.167	0.167
MOBA050 Obstetrics & Gynaecology	Y	Y	36	32	0.167	0.167
MPDB050 Paediatrics & Child Health	Y	Y	36	32	0.167	0.167
MPOA050 Practice of Medicine	Y	Y	36	32	0.166	0.166
MPSA050 Psychiatry	Y	Y	36	32	0.166	0.166
MSUA050 General Surgery	Y	Y	36	32	0.167	0.167
<b>Total credits for the year</b>			216	192	1	1
<b>TOTAL CREDITS FOR YEAR LEVEL 6: SAQA CREDITS = 216 (old); 192 (new) HEMIS CREDITS = 1</b>						

PERIOD OF STUDY / YEAR LEVEL 7 (Credit re-calculation based on timetable). NQF level 8						
Module Code	Offering Period	Possible major	SAQA Credit		Hemis Credit	
<b>The following 7 modules are COMPULSORY</b>			Old	New	Old	New
MFAA060 (Family Medicine)	Y	Y	40	36	0.164	0.164
MINA060 (Internal Medicine)	Y	Y	40	36	0.164	0.164
MOBA060 (Obstetrics & Gynaecology)	Y	Y	40	36	0.164	0.164
MPHA060 (Paediatrics & Child Health)	Y	Y	40	36	0.164	0.164
MPSA060 (Psychiatry)	Y	Y	24	20	0.098	0.098
MSUA060 (General Surgery)	Y	Y	40	36	0.164	0.164
MSUB060 (Orthopaedics)	Y	Y	20	20	0.082	0.082
<b>Total credits for the year</b>			244	220	1	1
<b>TOTAL CREDITS FOR YEAR LEVEL 7: SAQA CREDITS = 244 (old); 220(new) HEMIS CREDITS = 1</b>						



**SMB2.3 CURRICULUM BRAD**
**B Rad Content (BRID01 – NEW CURRICULUM)**

<b>LEVEL: 1</b>			
<b>MODULE</b>	<b>COMPULSORY/ELECTIVE</b>	<b>CREDITS</b>	<b>NQF-LEVEL</b>
Physics	C	20	7
Health Care Practice	C	16	6
Human Anatomy	C	24	7
Radiographic Physiology	C	24	7
English for Health Sciences	C	16	6
Computer Fundamentals	C	8	6
<b>Total Credits</b>		<b>108</b>	

<b>LEVEL: 2</b>			
<b>MODULE</b>	<b>COMPULSORY/ ELECTIVE</b>	<b>CREDITS</b>	<b>NQF-LEVEL</b>
Radiographic Education & Pattern Recognition I	C	28	7
Imaging Science I	C	20	7
Radio pharmacology	C	12	7
Professional Literacy & Research	C	8	6
Radiographic Physics	C	16	7
Clinical Education & Practice I	C	16	8
Ethics & Medical Law	C	20	8
<b>Total Credits</b>		<b>120</b>	

<b>LEVEL: 3</b>			
<b>MODULE</b>	<b>COMPULSORY/ELECTIVE</b>	<b>CREDITS</b>	<b>OUTCOMES</b>
Radiographic Education & Pattern Recognition II	C	28	8
Imaging Science II	C	20	8
Research Design & Statistics	C	12	7
Clinical Education & Practice II	C	20	8
Radiographic Practice Management & Leadership	C	20	8
Radiographic Pathology	C	28	8
<b>Total Credits</b>		<b>128</b>	

<b>LEVEL: 4</b>			
<b>MODULE</b>	<b>COMPULSORY/ELECTIVE</b>	<b>CREDITS</b>	<b>OUTCOMES</b>
Radiographic Education & Pattern Recognition III	C	32	8
Imaging Science III	C	20	8
Research Project	C	24	8
Clinical Education & Practice III	C	32	8
<b>ELECTIVES: Choose 1</b>			
Advanced Pattern Recognition	E	20	8
Advanced Computed Tomography	E	20	8
Medical Imaging Informatics	E	20	8
Radiation Safety & Protection	E	20	8

Advanced Magnetic Resonance Imaging	E	20	8
		<b>128</b>	
<b>Total Credits</b>		<b>484</b>	

## 14. SYLLABUS

### Foundation Medical Bio-Chemistry (MBChB-ECP I)

(MFBC010)

MFBC010 is designed to give students a firm grounding in basic chemistry, with an emphasis on understanding bodily processes in humans which are of a chemical nature. The module has two sections, general chemistry and organic chemistry and biochemistry

#### General chemistry

In general chemistry you are expected to understand the use of the SI system of measurement, distinguish between and to compare elements, compounds and mixtures. Understand the importance and the use of the periodic table. Describe the types of radiation produced during radioactive decay. Explain the formation of ions and of ionic bonds. Name ionic compounds covalent bonding and name covalent compounds. Also included in the course content are chemical reactions, gases, solutions, acids and bases.

#### Organic chemistry and Biochemistry

Draw structures for and name various alkanes, alkenes and alkynes. Indicate sources, properties and uses of hydrocarbons, alcohols, ethers, thiols, haloalkanes, aldehydes, ketones, carboxylic acids, esters, amides, amines. Classify carbohydrates, Lipids and proteins. Properties of carbohydrates, Lipids and proteins

Assessment: four Semester tests (1 and 1/2 hour) and 1 x 3-hours written paper final examination

### Biophysics and Numeracy (MBChB-ECP I)

(MFBP010)

This module consists of two sections namely Numeracy and Biophysics.

#### Numeracy

This section emphasizes on development of numeracy skills. Numeracy skills will involve understanding numbers, counting, solving problems and undertaking measurements. Most of the skills will be developed during your laboratory sessions where you will learn to how measure, collect, analyze and interpret data. Prior to your laboratory sessions you will be introduced to different forms of measurement and types of data. Data gives rise to information. Information can only be understood through interpretation using various statistical methods. You will also get an opportunity to apply your numerical skills in practical cases such as measurement of medical conditions, various biophysics tutorials. The course content includes Pythagoras theorem and simple trigonometrical ratios, forms of data (nominal, ordinal; interval and ratio), frequency tables, graphs and charts, rates and proportions, measures of central tendency and measures of dispersion.

#### Biophysics

Biophysics is a practical physics course in which you will learn about the interaction of physics and the human body through a series of lectures and experimental activities. Emphasis will be on developing physics problem solving skills through a series of graded tutorial questions, practical sessions and lectures. The course content includes; motion; force and motion; work and power; elastic properties of materials; heat; liquids/fluids; static electricity; direct currents; electromagnetism; induced currents; waves; sound; light; mirrors and lenses; nuclear physics; ionising radiation. The teaching program comprises one formal lecture per week (40 minutes) and one tutorial session (80 minutes) and a 2-hour practical session a week.

Assessment: four Semester tests (each 1 hour) and 1 x 3-hours written paper final examination

<b>Foundation English for Medicine (MBChB-ECP I)</b>
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<b>(MFEN010)</b>
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Medical Foundation English for Medicine (MFEN010) is one of six compulsory courses for MBChB ECP I first entering students. This course is aimed at equipping students with academic writing skills and tools to help them cope with the demands of discipline specific writing genres at tertiary level, for example to write formally, with precision and objectively.

In terms of structure, there are 3 contact sessions per week, amounting to approximately three-and-a-half hours weekly. In addition, there are 4 formal tests scheduled for the year. Two of these tests are written in the first semester, and two in the second semester. Students are also subjected to writing informal class tests (on an ongoing basis throughout the year) these are usually peer-marked. Standard examinations commence in October of every academic year.

With regard to prescribed material, The *Oxford Advances Learner's Dictionary* is a compulsory prescribed book. In addition, a newly designed *English Reader* has been compiled in 2018. This *Reader* leans towards a student-centred approach to teaching. Furthermore, it focusses on developing academic writing and communicative competence. The *Reader* is divided into units which cover topics such as: brainstorming & mind-mapping; topic sentences; paragraph writing; academic writing; comprehension skills; language conventions; reading and dictionary skills.

This is an informative, interesting and enjoyable course.

<b>Foundation Introduction to the Human Body (MBChB-ECP I)</b>
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<b>(MFHB010)</b>
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<b>Foundation Medical Biology (MBChB-ECP I)</b>
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<b>(MFMB010)</b>
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The Foundation Medical Biology (MBChB-ECP I) syllabus is designed to provide broad competence for careers that involve the biology of animals, plants in relation to their environment including human medicine.

Module content: The module will introduce the student to the field of Microbiology, Taxonomy, Genetics, Ecology, Diabetes, Environmental science and Anatomy.

Basic Microbiological aspects that will be covered include introduction into the diversity of the microbial world (bacteria, archaea, eukaryotic microorganisms and viruses), basic principles of cell structure and function, microbial nutrition and microbial growth control. Applications in Microbiology will be illustrated by specific examples i.e. bioremediation, animal-microbial symbiosis, plant-microbial symbiosis and the use of microorganisms in industrial microbiology. Wastewater treatment, microbial diseases and food will be introduced using specific examples.

While Genetics will be covered include chromosomes and cell division. Principles of Mendelian inheritance: locus and alleles, dominance interactions and epistasis. Probability studies, sex determination and sex-linked traits, pedigree analysis, extra nuclear inheritance, genetic linkage, chromosome mapping and chromosome variation will also be covered. Basic human reproductive organs aspects will include reproductive health and human welfare, implantation and placental physiology in pregnancy, placental secretions and their regulation. Basic understanding of diabetes pathophysiology, diabetes biology, diabetes prevention and diabetes therapy will be covered. Discussion about various psychosocial aspects of type 1 and type 2 diabetes will be done.

Moreover, understanding of relationships between different organisms to one another and to their physical surroundings will be covered under Ecology. Environmental science that will be covered include public awareness of environment issues, role of Government, NGO's, environmental movements, natural resources, effect of human activities, depletion of resources, generation of waste, threats to biodiversity, extinction of species and sustainable development. Understand the scientific study of physiology, structure, distribution, classification, and importance of plants will also be covered.

Lastly, this module will cover the process of science which consists of scientific method whereby the collection of data through observation and experimentation, and the formulation and testing of hypotheses will be done.

The teaching program comprises of one formal lecture per week (40 minutes) and one tutorial session (80 minutes) and 2-hour practical session a week.

Assessment: Four formative assessment semester (tests) (1hr: 30 mins); one practical assessment (1 hour) and 1 x 3-hours written paper summative assessment (final examination). Admission to write the summative assessment depends on compliance with General rule 13.1.

<b>Medical Foundation of Study Skills (MBChB-ECP I)</b>
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<b>(MFSS010)</b>
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Foundation Study Skills and Computer Literacy (MFSS010) guides and prepares student in their studies. It does that by equipping students with skills that will help them to succeed in their studies. It will also help them to respond positively to the demands of studies and university life.

The core purpose of this module is to produce qualifying learners who will demonstrate ethical and professional conduct in their university studies and in their lives in general. They will gain self-knowledge and determine their own suitability to cope with a career in a new environment; develop appropriate thinking strategies; determine strategies to adjust to new environments and suitable study strategies.

MFSS010 allows for an integrated approach to learning, teaching and assessment, in that the issues dealt with in the different Learning Outcomes can be integrated.

Assessment:

Students need to obtain 40% in the Continuous Assessment to be eligible to sit for the Final Assessment. If they fail to score 40% in the Continuous Assessment they will not be admitted to the Final Examination. Likewise, it is compulsory for students to score a minimum of 40% in the Final Examination and a cumulative (Continuous Assessment and Final Examination together) 50% to be promoted to the next year level – in this case admission to MBChB ECP II.

In other words, students will fail the module if they fail to obtain:

- (a) 40% in the Continuous Assessment
- (b) 40% in the Final Examination
- (c) A cumulative mark of 50%.

<b>Advanced Microbiology (BSc Hons (MS)</b>
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<b>(MMMB080)</b>
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This course is an extension of the basics in medical microbiology with an in depth focus on specific pathogenic organisms. Focus will be on the pathogenesis, laboratory investigation and prevention/vaccine development and antimicrobial resistance mechanisms.

Assessment: 2 written papers, and an oral assessment with an external examiner

This course is an extension of the basics in medical microbiology with an in depth focus on specific pathogenic organisms. Consists of lectures, tutorials and student seminars, as well as assignments covering the study in relative detail of selected topics in Medical Virology. Topics include viral replication, cell transformation & tumour viruses, viral evolution, immunology of infectious diseases pathogenesis, laboratory diagnosis and analysis, epidemiology, prevention and treatment), basic vaccinology and vaccine development, viral hepatitis, viral gastrointestinal diseases, HIV/AIDS and human papillomaviruses.

Assessment: 2 written papers, and an oral assessment with an external examiner

### General Pathology

Including cell damage; inflammation, healing and hypertrophy; the immune response; immunopathology; infections; host parasite relationships; disturbances of circulation. Miscellaneous degeneration and deposits; tumours; origin, nature and causation; epithelial and other tumours.

### Systems Pathology

Cardiovascular system; respiratory system; nervous system; reproductive system, male and female; gastro-intestinal system; liver biliary tract and exocrine pancreas; urinary system; musculo-skeletal system; skin; endocrine system; blood and bone marrow; lymphoreticular system.

Assessment: 1 written paper, a practical and an oral

Anatomy is offered as two-year modules.

MANA021 will include Gross Morphology: Identify and describe the morphological anatomy as applied to each region in the human body in terms of the macro structure i.e. osteology, general structure (including organs), musculature, blood supply, venous and lymphatic drainage, nerve supply, joints and surface anatomy.

MANA022 will include Histological Anatomy and Embryology as applied to Gross Morphology.

This course is similar to that of Anatomy (Nursing). It entails the teaching of systematic human anatomy and surface anatomy for all relevant structures with emphasis on those sections of specific radiological importance.

This is done by means of problem-based lectures, traditional lectures, practicals, demonstrations and tutorials using human material as well as radiographic images. Evaluation is done by means of written theory tests, practicals and assignments.

The same exemption rule as for MBChB II is applied.

Assessment: 1 x 3-hours written paper

The course includes systematic anatomy as well as sectional anatomy. Systematic anatomy focuses largely on neuro-anatomy, the respiratory and cardiovascular systems as well as the gastrointestinal, genito-urinary systems, with emphasis on radiological important structures. Sectional anatomy focuses on relations of radiological important structures at various anatomically important levels of the human

body and is accompanied by practical sessions with both CT/scan/rontgen images and sectional specimens.

Teaching is largely based on problem-based learning (PBL), but includes formal lectures, practical sessions, assignments and self-study. The same exemption rule as for MBChB II is applied.

Assessment includes one 3-hours paper and an oral Assessment/ OSCE

### **Applied Medical Biochemistry**

Matter; energy changes; gases; electrolytes and minerals; symbols; reactions; water (pH, dissolution and reaction, osmosis and properties of liquids); energy (production in chemical reactions, conservation, heat production). Biochemistry (composition of carbohydrates, fats and proteins); nutrients (digestion and absorption); cellular metabolism; conservation; synthesis, transmutation and transportation of nutrients; excretion of waste products from the body; biochemical control (enzymes, hormone); fluid balance (buffers, ion-exchange, gas exchange and selective excretion through kidneys, acids, bases, salts, estimation of levels and treatment of imbalance); electrolyte balance; neuro-muscular transmission (disturbances at neuro-muscular level, transmission of impulses in miocardium); principles of drug action, periodic tables; elements; important compounds; detergents and disinfectants.

Theoretical instruction: 60 x 40-minute periods.

Practical instruction: 30 periods

### **Biology I (BSc (Med) I; MBChB I)**

**(BLGY105)**

Introduction; evolution; taxonomy and systematics; cytology and genetics; tissues and systems; embryology; medically important parasites; medically important carriers; medically important poisonous/venomous animals; medically important plants; ecology and environmental health.

Practical.

Assessment: 2 x 2-hours written papers

Total course Credits: 20

### **Biology II**

Advanced cytology - plant and animal cells, fine structure and function of cell organelles. Invertebrates; systematics and life cycle of selected groups with special reference to structure and function. Botany; systematics and life cycle of selected groups; plant structure and function as well as plant physiology and reproduction. The teaching programme comprises five formal lectures and two 3-hour practicals per week.

Assessment: 1 written paper

### **Biology III**

Vertebrates; systematics and life cycle of selected groups; fine structure and function; comparative morphology. Genetics and reproduction. Animal physiology; adaptations to various environments by both vertebrates and invertebrates. General ecology. Evolution. The teaching programme comprises five formal lectures and two 3-hours practicals per week.

Assessment: 1 written paper

### **Biophysics IA (MBChB I)**

**(MBPC010)**

Mechanics: Mathematical Concepts, Kinematics in 1 and 2 dimensions, Forces and Newton's Laws, Dynamics of circular/rotational motions, Work and energy, Impulse and momentum.

Fluids, Heat and Properties of matter: Elasticity, Fluids, Temperature and Heat, Transfer of Heat, Ideal gas law and Kinetic theory, Thermodynamics

Waves, sound and optics: Waves and sound, Reflection of light, Refraction of light.

Electricity and Magnetism: Electric Forces and Electric fields, Electric potential energy and Electric Potential, Electric Circuits, Magnetic Forces and Magnetic Fields, Electromagnetic induction.

Modern Physics: Nuclear Physics and Radioactivity, Ionising Radiation.

Introduction to Health Informatics: Introduction to elementary statistics, Introduction to Computer Fundamentals.

The teaching programme comprises of three formal lectures per week, one three hour practical and one three hour tutorial every alternating week.

Assessment: 1 x 3-hours written paper

<b>Biophysics IB - B Rad (Diagn) I</b>
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<b>(MBPA010)</b>
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Mathematics review; vectors; kinematics; dynamics; hydrostatics; fluid flow; general gas law; heat; optics; electrostatics; current electricity; electro magnetism; alternating current; radioactivity; x-rays. The teaching program comprises five formal lectures per week and one 3-hour practical every alternative week.

Assessment: 1 x 3-hours written paper

Total course Credits: 24

<b>Biophysics IIB (Equipment) B Rad (Diagn) II</b>
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<b>(MBPA020)</b>
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Review of electricity: current, voltage, resistance, DC, AC transformers, capacitor, mains voltage, three phase supply, power. Basic electronics: diodes, transistors, SCR, operational amplifier, digital systems, and computer. X-ray equipment; mains supply; x-ray tubes; x-ray tables and tubestands; high tension control circuits and stabilising equipment; transformers; exposure switching and exposure timers; circuit protection; meters; circuit diagrams; mobile portable and conventional dental units; control of scattered radiation; care and maintenance of equipment.

Assessment: 1 x 3-hours written paper

<b>Biophysics IIC (Radiation Physics) B Rad (Diagn) II</b>
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<b>(MBPB020)</b>
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Matter and energy; atomic structure; nuclear structure; radiation and spectra; electromagnetic radiation; radioactivity; production of x-rays; interaction of x-rays with matter; effects of x-rays; measurement of x-ray quantity; dosimetry; filters and filtration; radiation quality; properties of x-ray film; radiographic image; radiation protection.

Assessment: 1 x 3-hours written paper

<b>Biophysics IIIB (Specialised equipment) B Rad (Diagn) III</b>
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<b>(MBPA030)</b>
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Special x-ray tubes; mammography units; mass miniature radiographic units; video tape recording apparatus; photo and ionization timers; rapid sequence film changers and roll film apparatus; digital vascular imaging; tomographic equipment; computerisation of data; computer assisted tomography; magnetic resonance equipment; ultrasound; xerography; thermography; fluoroscopic equipment; cine photofluorographic attachments.

Assessment: 1 x 3-hours written paper

**Biostatistics and Research Methodology** (Environmental Health)**(BIRM601)**

The collection, collation, depiction, analysis and interpretation of data pertaining to health-related conditions.

**Chemical Pathology** (MBChB IV)**(MCAA040)**

Introductory, including methodological and physiological interferences in laboratory tests. The kidneys; sodium and water metabolism; potassium metabolism; hydrogen ion homeostasis and blood gases; pituitary and gonads; hormones of the adrenal cortex; thyroid hormones; carbohydrates; plasma lipids; calcium; phosphorus and magnesium metabolism; intestinal absorption; gastric and pancreatic function; liver diseases and gallstones; plasma proteins and immunoglobulins; proteinuria; plasma enzymes; cardiac biomarkers; inborn errors of metabolism; purine and uric acid metabolism; iron metabolism; porphyrins; vitamins; pregnancy and oral contraceptives; biochemical effects of tumours; cerebrospinal fluid.

Practical: 2 practicals

Assessment: 1 written paper and an oral

**Chemistry IA** (MBChB I)**(MCHM010)**

Introduction to general chemistry; atoms, ions, and molecules; chemical laws; bonding; stoichiometry; the three states of aggregation; solutions and mixtures; structure and reactivity; principles of equilibrium; free energy and spontaneity of reactions; electrochemistry; rates of reactions; radioactivity; stereoisomerism; systematic nomenclature of organic compounds according to functional groups; reactions of classes of organic compounds; chemistry of physiologically important compounds.

3 lectures and 1 practical per week

Assessment: 1 x 3 hours written papers

**Clinical Pharmacology** (MBChB IV)**(MPYA040)**

Disease orientated, clinical pharmacology, based on prevalence of disease in the local and national communities (*Pharmaco-epidemiology*). Alternative and cost-effective medication. Special precautions. Contents: General aspects, drugs used for: infections, respiratory, cardiovascular, gastro-intestinal, genito-urinary, central nervous system, haematological, dermatological ophthalmological, otorhinolaryngological, endocrine, metabolic, immune system and Musculoskeletal disorders. Drugs used for sexually transmitted diseases, parasitic infections and acute poisoning. Rational use of medicines. Evidence based Pharmacology.

Assessment: Tests

Assessment: 1 x 2 hours written paper and oral where applicable

**Clinical Psychology for MSc**

Advanced course in psychodiagnostics; medical and neuropsychology; psychopathology; personality theory; psychotherapy and development psychology. Practical work as well as an internship at an institution recognised for this purpose by the Health Professions Council of South Africa.

**Communication Science: Capita selecta** (Environmental Health)

Practical and theoretical training in communication skills in the private and public sectors at all levels of government or management. Pedagogical skills. Methods of Health Education.



A series of lectures as set out per topic below.

Anatomical Pathology (40 lectures), Internal Medicine (40 lectures), Pharmacology (20 lectures.)

<b>Community Health (MBChB IV)</b>
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<b>(MPBA040)</b>
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Basic ecology, Basic biostatistics, demography and epidemiologic theory. The epidemiology and intervention of the important health related conditions of Southern Africa. Environmental health and occupational health. The structure and functions of health delivery organisations in South Africa. Basic health legislation. Basic health management strategies. Students may be required to perform their own approved study project.

Assessment: 1 written paper

<b>Curriculum Design and Evaluation</b>
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<b>(CDEV201)</b>
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Curriculum design levels in SA, the role of an educator in curriculum development, the process of curriculum development following the SAQA & NQF format; application of higher educational outcomes according to SAQA to programmes, elements for curriculum development, application of the major philosophies underpinning OBE curriculum. Submission of curriculum to SANC.

Curriculum implementation. Comprehensive curriculum and course/programme evaluation. Maintaining course/programme accreditation; role of providers, role of ETQAs. The responsibility of the educator with regard to curriculum review; the multicultural curriculum. Submission of qualifications to SAQA (format).

<b>Dermatology</b>
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<b>(DERM302)</b>
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Introduction to the study of skin diseases; structure, function and physiology of the skin; skin diseases which occur commonly or are otherwise of importance; contact dermatitis; industrial dermatoses and other cutaneous hazards; cutaneous malignancy.

<b>English for Health Science</b>
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<b>(MEHS010)</b>
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The MEHS010 course for first-year MBChB 1 and B Rad I is comprised of the following components:

- Life skills orientation
- Library orientation
- Computer literacy
- Reading comprehension
- Pearson Online (Self Study) – this is a programme designed at developing reading and writing skills
- Academic language conventions
- Paragraphing
- Expository essay writing based on source material (skills developed here are paraphrase, summary, integration of sources, in-text and end-text referencing using a modified Harvard system)
- Oral presentation using Power Point (based on expository essay work) – done in small groups
- Medical terminology
- Setswana for doctor-patient communication

All of the above are assessed.

Total course Credits B Rad 1: 12

<b>Environmental Health Management I and II</b> (Environmental Health)
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Technical principles to manage the pollution of air, water and soil in the environment and to include all man's interrelationships with his environment as well as the problems of waste generated by production and consumption.

<b>Epidemiology</b> (Environmental Health)
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Epidemiologic theory. The epidemiology and intervention of the important health-related conditions of Southern Africa.

<b>Family Medicine &amp; Primary Health Care</b> (Undergraduate training)
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The course aims to give students an understanding of what Family Medicine and Primary Health Care is, including its development and the need for such a discipline; its principles and core content to give students the opportunity to put the above into practice and begin to learn the skills involved especially interviewing, clinical process and decision making. The bulk of the teaching takes place as clinical tuition. Ongoing evaluation takes place throughout the course. The course is offered at MBChB I, II, III, IV and VI levels.

<b>Forensic Medicine</b> (MBChB IV)
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<b>(MFPA040)</b>
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Signs of death, postmortem changes and time of death; identification of human remains; blood stains and grouping; types of wounds and injuries; fire arm wounds; injury by blunt instruments; effects of injury; asphyxia; suspicious neonatal death; abortion; sexual offences; the medico legal autopsy; legal considerations. Toxicology: General facts, Carbon Monoxide, Cyanide, Arsenic, Paraffin, Methyl Alcohol, Agricultural Poisons.

Assessment: 1 written paper and an oral

<b>Health Administration: Capita selecta</b> (BSc) (Med) (Hons) (Environment Health)
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<b>(HEAD601)</b>
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Leadership, policy-making, organisation, legislation, methods, control, financing and human resources management in comprehensive health services in Southern Africa.

<b>Human Anatomy IA</b>
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<b>(ANTM109)</b>
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The module provides an introduction to the anatomical structures of the human body including the following systems: musculo-skeletal, respiratory, cardiovascular, neurological, digestive, endocrine, skin etc., for allied health professionals. It will also include embryology and the sensory organs.

<b>Human Physiology</b> (MBChB II)
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<b>(MPIB021)</b>
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Human physiology is offered as two-year modules. Human Physiology (MPIB021 and MPIB022).

Human Physiology (MPIB021) will include:

General knowledge of all systems in Physiology (including excitable tissue, the cardiovascular system, bold and Immunity, the gastrointestinal system, endocrinology, body temperature, reproduction, neurophysiology, special senses, respiration, renal physiology, body fluids, acid base) and physiological chemistry. Physiology practicals on selected topics to illustrate the theory.

Human Physiology (MPIB022) will include:

Advanced knowledge of all physiological systems (including excitable tissues, the cardiovascular system, blood and immunity, the gastrointestinal system, endocrinology, body temperature, reproduction, neurophysiology, special senses, respiration, renal physiology, body fluids, acid base) and physiological chemistry and application of this in clinical scenarios and the mechanisms involved in the development of pathological conditions

Assessment: 2 written papers – 1 for each module

<b>Human Sciences (MBChB I)</b>
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<b>(MHUC010)</b>
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Foundations of Psychology, Learning Theories, Personality, Emotion, Motivation and Stress, Psychophysiology, Social Psychology, Interpersonal Skills

Assessment: 1 written paper

Total course Credits: 12

<b>Image Recording I (B Rad (Diagn) I)</b>
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<b>(MIMR010)</b>
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Principles of photography, image receptor systems, chemical processing of photographic materials, radiographic image quality, identification and presentation, exposure charts

Assessment: 1 written paper, a practical/ an oral/ OSCE

<b>Image Recording II (B Rad (Diagn) II)</b>
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<b>(MRAA020)</b>
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Sensitometry, intensifying screens; computed radiography; conventional fluoroscopy, daylight systems, specialised photographic procedures; radiographic image quality; exposure factors, silver recovery and conservation.

Assessment: 1 written paper, a practical and an oral

<b>Image Recording III (B Rad (Diagn) III)</b>
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<b>(MRAA030)</b>
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Computerized tomography, Magnetic Resonance Imaging, Direct Digital Radiography, Quality Assurance & Management in Radiography, Introduction to Ultrasound, Mammography & Bone Densitometry, Digital Fluoroscopy

Assessment: 1 written paper, practical and an oral

<b>Industrial Health Management I and II (BSc (Med) (Hons) (Environment Health))</b>
--------------------------------------------------------------------------------------

Technical principles to manage the recognition, evaluation, prevention and control of industrial hazards, diseases and accidents. Industrial relations and health.

<b>Internal Medicine (MBChB III, IV, V and VI)</b>
----------------------------------------------------

A practical course in Clinical Methods is introduced in the third year. Whole class lectures are also introduced in the third year and continue through until the end of the fourth year. A course in the principles and practice of Medicine continues throughout the fourth and the fifth year during which students rotate through Medicine blocks. At the end of each practical block the students are assessed by means of a practical case Assessment. At the end of the fifth year a final theoretical multiple choice and short question Assessment paper is set which included questions on Neurology.

The sixth year is a practical year and the medicine block comprises an seven-week period. Student interns in the sixth year are expected to be on call, clerk and follow up patients as part of their ward duties. The final Assessments at the end of the sixth year consist of a clinical and an oral Assessment

<b>Media resource and Information Technology</b>
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<b>(MRIT201)</b>
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Application of contemporary media resources and information technology within an educational context; Teaching aids.

<b>Medical Ethics</b>
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The course deals with the basis of ethics and how ethical behaviour is learnt. The concepts of the medical fraternity as an essentially self-regulatory body; etiquette and legal requirements for Doctors and Interns are discussed. Daily ethical issues including, confidentiality, patient autonomy and consent; the Health Professions Council of South Africa's Rules for disciplinary steps and major ethical problems such as those around conception, death and distributive justice are studied. Some actual disciplinary past hearings of the HPCSA are discussed during the course.

<b>Medical Psychology (MBChB III)</b>
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<b>(MPSB030)</b>
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This course is given by the Department of Clinical Psychology and includes psychoneurology, doctor-patient relationship, pain, stress/anxiety/depression, disease of lifestyle, applications of clinical health psychology, aspects of death and dying.

<b>Medical Microbiology (MBChB III)</b>
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<b>(MMMA030)</b>
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This course includes: Introduction to bacteria, viruses, fungi, parasites and pathogenesis of infections; Microbial genetics; Basic and clinical immunology; laboratory diagnosis; infection prevention and control; clinical virology; antimicrobial agents and the following syndromes: Central nervous system infections; cardiovascular system infections; gastrointestinal tract infections; skin and soft tissue infections; genitourinary tract infections, neonatal and childhood infections and zoonotic & vector borne (multisystem) infections.

Assessment: Exam comprises of paper 1 and paper 2 (practical component) together with an oral for the borderline students.

<b>Medicine's Management</b>
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<b>(PHMM601)</b>
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Manage supply and use of medicines so that medicines are efficient, safe, suitable and available.

<b>Microbiology Molecular Biology (BSc (Med) (Hons))</b>
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Molecular Biology; bacteriology; immunology; mycology; parasitology. Practical work.

Assessment: 3 written papers and an oral Assessment

<b>Obstetrics and Gynaecology (MBChB III, IV, V and VI)</b>
-------------------------------------------------------------

The course in Obstetrics and Gynaecology covers the principles and practice of the discipline. Instruction extends over the third, fourth, fifth and sixth years and includes lectures, demonstrations, case discussions, tutorials and ward rounds. Practical experience is gained in the block period in the fourth, fifth and sixth years. Assessments are carried out at the end of each block.

The final written Assessment is held at the end of the year for each class. The final clinical Assessment takes place at the end of the year:

(i) Third Year - POME III curriculum is done in Obstetrics only.

(ii) Fourth Year - Obstetrics

The syllabus consists of a series of 40 lectures covering reproduction genetics and obstetrics. A practical block of 4 weeks. This block includes 40 labour wards, antenatal clinic and ward demonstrations and normal deliveries 2 class tests are written per year with one in each half of the year (20% each). An end of block assessment is conducted at the end of each block and accounts for 20%. The continuous assessment counts for 60% of the assessment mark. The final exam is written at the end of the year and accounts for 40%.

(iii) Fifth Year - Gynaecology

The syllabus consists of a series of 10 lectures. A practical block of 5 weeks. This block includes 18 tutorials, appropriate ward rounds and clinical demonstrations. A class test is written on completion of the block (counts 20%). The second class test consists of MCQ and counts for 20%.

The end of block assessment {clinical case done at the end of block) and accounts for 20% of the final mark and is made up as follows: Continuous assessment accounts for 60%. At the end of the year the written Assessments accounting for 40% of the total mark will be held.

(iv) Sixth Year - Obstetrics and Gynaecology

The syllabus consists of a student internship of 7 weeks (3 1/2 weeks obstetrics and 3 1/2 gynaecology). Daily tutorial/seminar (Monday - Friday) is held with assistance of private specialists.

**Clinical duties** in both obs and gynae are allocated to students including calls. Students are expected to present at labour ward rounds and at grand rounds to Consultants/Registrars.

All groups shall have EBA as full Assessment in the presence of external examiners; this EBA will comprise of clinical cases which counts 60%. All students will have done OSCE and Slide show with a minimum of 50% in each. Students who pass EBA with 60% will have passed O&G. Students who fail EBA, OSCE and Slide show will have full Assessment during mid-year exam or end of the year Assessment,

Note: All groups before mid-year exams have a second opportunity. All groups in second semester have their second opportunity during the end of year Assessment.

All students failing mid-year or end of year Assessments will repeat the full block the following year.

#### **Paediatrics and Child Health (MBChB V and VI)**

The syllabus for undergraduate paediatrics extends from the 4<sup>th</sup> to the 6<sup>th</sup> year. Training consists of lectures on paediatric topics, whole class seminars, small group tutorials and clinical ward rounds. MBChB IV students attend 30 morning sessions of clinical teaching. Three weeks of this time is devoted to Community Paediatrics. The MBChB IV students perform the attachment to Paediatrics as part of POME IV.

The MBChB V students attend seven weeks of teaching. They also attend the Paediatric Outpatient Department to learn ambulatory Paediatrics. MBChB VI students spend a 7-week block period in the wards. They rotate through general Paediatric medical wards, neonatology and a peripheral hospital. The final Assessments in Paediatrics are taken at the end of the 5<sup>th</sup> year (written) and end of the 6<sup>th</sup> year (clinical Assessment).

**Module I - General Pathology**

Cell damage; inflammation; healing and hypertrophy; the immune response; immunopathology, disturbances of circulation. Miscellaneous degeneration and deposits; tumours, origin, nature and causation; epithelial and other tumours. Instruction: 32 x 40-min periods.

**Module II - Systemic Pathology**

Cardiovascular system; respiratory system; nervous system; reproductive system, male and female; gastro-intestinal system; liver biliary tract and exocrine pancreas; urinary system; musculo-skeletal system; endocrine system; blood and bone marrow; lymph reticular system.

Instruction: 88 x 40-min periods

**Module III - Radiological Pathology**

Relevant pathological conditions and related anatomy as demonstrated radiographically are covered in this course. Theoretical instruction is highlighted with the practical use of radiographic images to aid in the recognition of the pathological conditions in the different anatomical systems. Instructions: 24 x 40-min periods.

**Module IV - Cross-sectional Anatomy**

Cross-sectional anatomy of the head, trunk and limbs is covered in this course by means of formal lectures, practicals and demonstration using human material as well as radiographic images. Instruction: 36 x 40-min periods

Total instruction (Modules I-IV): minimum of 120 hrs.

Assessment: 1 x 3-hours paper and an oral/ Computer-based exam

**Personnel Management A & B (BSc) (Med) (Hons) (Environmental Health)**

A course over two years aimed at the management and administration of Environmental Health Services in the public and private sectors based on general principles.

**Pharmacology (Basic) (MBChB III)****(PHAR107)**

This introductory course in Pharmacology covers medicines (drugs) affecting various systems in the human body. The therapeutic and adverse effects of drugs on the following systems are included: autonomic nervous-, central nervous-, cardiovascular-, respiratory- and endocrine system. Chemotherapeutic drugs as well as the pharmacokinetics and pharmacodynamics of medicines are also included in the range of this course.

Formal lectures: 4 lectures per week

Assessment: 3 written tests and 1 written examination

**Physiology IB (B Rad II)****(MPLB020)**

Basic principles of the following body systems: digestion and control of body temperature: nervous system, including nerve and muscle physiology and special senses, renal physiology, respiratory system; cardiovascular system: endocrinology and reproduction. Instruction: Theoretical: 180 x 40 min periods

Assessment: 1 x 3-hours written papers

**Pathology and Anatomy (B Rad III)****(MPAA030)****Module I - General Pathology**

Cell damage; inflammation; healing and hypertrophy; the immune response; immunopathology, disturbances of circulation. Miscellaneous degeneration and deposits; tumours, origin, nature and

causation; epithelial and other tumours. Instruction: 32 x 40-min periods.

#### Module II - Systemic Pathology

Cardiovascular system; respiratory system; nervous system; reproductive system, male and female; gastro-intestinal system; liver biliary tract and exocrine pancreas; urinary system; musculo-skeletal system; endocrine system; blood and bone marrow; lymphoreticular system.

Instruction: 88 x 40-min periods

#### Module III - Radiological Pathology

Relevant pathological conditions and related anatomy as demonstrated radiographically are covered in this course. Theoretical instruction is highlighted with the practical use of radiographic images to aid in the recognition of the pathological conditions in the different anatomical systems. Instructions: 24 x 40-min periods.

#### Module IV - Cross-sectional Anatomy

Cross-sectional anatomy of the head, trunk and limbs is covered in this course by means of formal lectures, practicals and demonstration using human material as well as radiographic images. Instruction: 36 x 40-min periods

Total instruction (Modules I-IV): minimum of 120 hrs.

Assessment: 1 x 3-hours paper and an oral

<b>Personnel Management A &amp; B (BSc) (Med) (Hons) (Environmental Health)</b>
---------------------------------------------------------------------------------

A course over two years aimed at the management and administration of Environmental Health Services in the public and private sectors based on general principles.

<b>Pharmacology (Basic) (MBChB III)</b>
-----------------------------------------

<b>(PHAR107)</b>
------------------

This introductory course in Pharmacology covers medicines (drugs) affecting various systems in the human body. The therapeutic and adverse effects of drugs on the following systems are included: autonomic nervous-, central nervous-, cardiovascular-, respiratory- and endocrine system. Chemotherapeutic drugs as well as the pharmacokinetics and pharmacodynamics of medicines are also included in the range of this course.

Formal lectures: 4 lectures per week

Assessment: 3 written tests and 1 written examination

<b>Physiology IB (B Rad II)</b>
---------------------------------

<b>(MPLB020)</b>
------------------

Basic principles of the following body systems: digestion and control of body temperature: nervous system, including nerve and muscle physiology and special senses; body fluid system, including renal physiology, haematology and acid-base balance; respiratory system; cardiovascular system: endocrinology and reproduction. Instruction: Theoretical: 180 x 40 min periods; Practical: 45 periods (minimum 120 hours). If at the end of the year a student has written ALL the tests and has obtained at least 50% in each test, and an average mark of 60% or more in the tests, s/he may apply to the head of department to be exempted from the final Assessment in Physiology.

Assessment: 2 x 3-hours written papers

<b>Practice of Medicine I</b>
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<b>(MPOM010)</b>
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This course is offered at MBChB I level. The content includes introductory information about history of medicine, research principles, HIV/AIDS and counselling, hypertension, primary health and emergency care, bioethics, vital signs, pollution, medical humanities, virology as well as rural community-based service learning and health promotion. Hypertension is a core disease which is offered as an integrated

module. Students will obtain adequate insight into multi-disciplinary teamwork and will be able to explain the role of other health care professionals in order to provide holistic patient care. Students will obtain basic skills about wound care management, vital signs measurement and performance of CPR.

<b>Practice of Medicine II</b>
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<b>(MPOA020)</b>
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This course is offered at MBChB II level and builds on the basis of first year. Students will have the opportunity to learn about Medical History taking, Principles of Bioethics and Integrated Management of Childhood illnesses. It will provide them with the opportunity to assess Environmental Health issues in the community and homes of patients and practice their skills in taking vital signs and observe for peripheral signs. They will furthermore develop skills in evaluating medical research articles, including developing a basic understanding of biostatistics, qualitative and quantitative research. They will develop portfolios on patients who have anaemia and jaundice which are conditions for this year and are offered in an integrated manner. Integration also occurs among two other departments namely Anatomy and Physiology during clinical case discussions.

<b>Practice of Medicine III</b>
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<b>(MPOA030)</b>
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This course is offered at third year MBChB III level and will offer the students the opportunity to learn about the diagnostic process. They will get the chance to observe and participate in consultations with patients in primary healthcare clinics and get the opportunity to acquire the skills of clinical examinations; normal pregnant abdominal assessment & normal vertex delivery; and keeping medical records. Students will learn basic skills in communication in the care of a dying patient, as well as, history taking and basic clinical examination skills of patients with problems relating to cardiology, respiratory, gastroenterology, haematology, genetics, surgical conditions (such as neck mass, abdominal mass, leg swellings, breast lumps and trauma related cases). They will also acquire skills in searching the internet for best evidence and evaluating evidence. They will continue to build on learning portfolios on patients with diabetes mellitus and oedema.

<b>Practice of Medicine IV</b>
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<b>(MPOA040)</b>
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This course is offered at MBChB IV level and will offer the students the opportunity to rotate for 6 weeks in Medicine, Surgery (including Orthopaedics), Obstetrics and Gynaecology, Paediatrics and Psychiatry. There will be weekly lectures in Internal Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics and Child Health, Psychiatry and other disciplines including Orthopaedics, Radiology, Nutrition and Family Medicine. The focus will be on the identification of common clinical signs and an understanding of the underlying pathophysiology. Portfolio learning will continue.

<b>Practice of Medicine V</b>
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<b>(MPOA050)</b>
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This course is offered at MBChB V level and will offer the students practical experience and theoretical understanding in Anaesthesiology, Ophthalmology, Otorhinolaryngology and Orthopaedics. Pathophysiology and Pathology within the wider context of integrated medicine will be offered as Case and Task based learning, focussing on the themes of Substance Abuse, Thyroid disease, Heartburn with Epigastric Pain and the Severely Traumatized Patient. The student will be expected to continue with portfolio building.

<b>Psychiatry Courses (MBChB III, IV and VI)</b>
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(i) MBChB III and IV

Medical psychology, offered in the MBChB III course by the Department of Clinical Psychology, serves as an introduction to Psychopathology, offered by the Department of Psychiatry, in the MBChB IV course. These two courses include the following topics: Personality stress in health and illness; Psychosomatic disorders and pain; Clinical Psychology and Medicine ions



(ii) MBChB V and VI

In the MBChB V and VI year courses the students do clinical psychiatry working in the wards and outpatient clinics. They also have teaching sessions in form of tutorials, and participate in case presentations. Attendance at all the activities is a prerequisite for the End of Block assessment. Evaluation is done in accordance with their case presentations, written examination and clinical examination.

<b>Psychology and Mental Health Care</b>
------------------------------------------

Physiological basis of psychology: the human personality; motivation of conduct; frustration and conflict; defence mechanisms; emotion; attitudes; group morale, leadership; communication; human relations; the child; the adolescent; the adult and the aged person as a patient. Mental health care, psychosomatic and psychopathological conditions; broad concept of the management of patients with mental disturbances in hospitals and the community. Theoretical instruction: 60 x 40-minute periods.

Human Science (MBChB)
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(MHUC01)
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Introduction to Psychology: basic concepts, schools in Psychology and methodology. The biological basis of behaviour. Motivation, frustration and conflicts. Developmental Psychology: infancy to old age. Personality Psychology: basic constructs and selected topics. Social, Psychology, Health, illness, disability and dying.

Practicals

Assessment: 1 written paper

<b>Radiation Techniques I (B Rad (Diagn) I)</b>
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(MRAT010)
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Patient and the radiographer, administration-hospital and department organisation, practical nursing procedures, first aid, general patient care, hygiene in X-ray department, sterilisation, drugs in the X-ray department. Radiation hazard, fundamentals of diagnostic radiography, radiographic Assessments and techniques: skeletal system, abdomen, respiratory system, Introduction to radiation protection

Assessment: 1 written paper and OSCE

<b>Radiation Techniques II (B Rad (Diagn) II)</b>
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(MRAB020)
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Protection, radiographic Assessment of skeletal system, alimentary system; genito-urinary system; respiratory system, fluoroscopy; foreign bodies; contrast media, ethics and medical law, musculoskeletal radiography plus specialised projections and procedures.

Assessment: 1 written paper and OSCE

<b>Radiation Techniques III (B Rad (Diagn) III)</b>
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(MRAB030)
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Computed Tomography Clinical applications, Biliary system; Genito-urinary system; Reproductive system, Cardio-vascular system; lymphatic system; respiratory system; central nervous system; Arthrography; Myelography; guided biopsies; Risk management, Ethics and Professionalism, Special contrast media in radiology; operating theatre procedures; ward radiography; paediatric radiography; soft tissue differentiation; Ultrasound; Computed Tomography; Magnetic Resonance Imaging; Bone Densitometry, Introduction to Mammography, Dental radiography

Assessment: 1 written paper and OSCE

After completion of research design module I, students attend departmental research workshops conducted by the research coordinator on identifying a research topic as well as how to develop a research proposal. Each student shall select a research topic from the following fields of study: Respiratory, Neurological Rehabilitation, Community and Orthopaedics. The topic gets peer reviewed and accepted by the department. The proposals will be submitted to the Research ethics committee (MREC) for approval by the University, students will be allowed to execute their research projects thereafter.

Final evaluation: Submission of two copies of a printed and one bound research report and oral presentation of the research findings.

Total course credits: 12 credits

**B RAD CONTENT (NEW CURRICULUM)****B RAD I  
PHYSICS****Learning Outcomes**

- To teach students about the fundamentals laws of physics that are valid for application in biological system
- to establish relation of the atomic structure and function at the molecular level
- to help students understand fully how biophysics measurements can be acquired and applied in clinical environments
- to prepare the students to integrate the knowledge gained for the application of physics methods and to study biological processes in senior years.

**HEALTH CARE PRACTICE****Learning Outcomes:**

- At the end of this module the student will have understanding of health provision in South Africa and the role of the radiographer in health provision

**HUMAN ANATOMY****Learning Outcomes**

- Understand and be able to use anatomical terminology correctly with regards to: Anatomical position, Planes of the body/organ, Sections of an organ, Terminology indication position or direction, Terminology referring to movement
- Students must understand the basic principles of the study of muscles, by obtaining knowledge regarding different types of muscle found in the body, give a definition and example of each of the different types of muscles, distinguish between the different types of muscle insertions and name and describe the different manners in which muscles are given their name, with relevant examples
- Distinguish between different parts of the nervous system
- Know and apply their basic understanding of the anatomy of the bony elements that constitute the wall of the thorax according to its composite elements (ribs, sternum and thoracic vertebrae)
- Know and apply their basic understanding of the anatomy of the heart and aorta
- Know and apply their understanding of the following about the anatomy of: Lungs, trachea, bronchi
- Know the anatomy of the following bones of the upper limb (osteology specimens and x-rays) and understanding the clinical importance of different fracture sites

- Know the osteology of the skull (different parts that form the cranial and facial bones) and understand the different structures related to each individual bone
- Describe the basic anatomy of the different embryological parts/components of the brain and the structures they develop into
- Know the anatomy of the lumbar vertebrae, understand and apply the topographical markings of the anterior abdominal wall and which vertical and horizontal planes are used to divide the anterior abdominal wall into its 9 smaller topographical regions

## **RADIOGRAPHIC PHYSIOLOGY**

### **Learning Outcomes:**

At the end of this course the learner must be able to:

- Discuss homeostasis and its role in physiological functions
- Describe physiological processes for example metabolism, digestion, filtration, diffusion, and their role in physiological systems
- Explain the role of body systems in maintaining normality and how homeostatic derailments may occur and lead to pathological conditions
- Predict basic physiological derailment based on given signs and symptoms
- Describe common conditions (Pneumonia, Chron's disease, diabetes, heart failure etc.)

## **ENGLISH FOR HEALTH SCIENCES**

### **Learning Outcomes**

At the end of the module the student must be able to:

- Apply life skills; learning strategies, and active listening
- Developed dictionary skills; word formation and vocabulary development
- Write a paragraph of introduction, discussion and conclusion
- Use academic language conventions and develop their own academic language skills
- Compose successful arguments and avoid unacceptable practices
- Respond to assignment and examination questions
- Read and effectively comprehend academic texts and synthesize information from different texts by way of paraphrase and summary.
- introduce you to the notion of paraphrase and its crucially important function in content and language learning
- acquaint you with the nature of synthesizing information in sustained academic writing, such as the literature review, an important text type at university, at under-graduate level as well.
- Use the academic convention of referencing your sources, without which you will be accused of plagiarism (copying).
- Academic oral presentation

## **COMPUTER FUNDAMENTALS**

### **Learning Outcomes**

At the end of the 1st semester the student will be able to appreciate and understand the concepts used in the field of computer science and apply concepts in radiography.

- Using Information Technology effectively and critically
- Collecting, analyzing, organizing, and critically evaluating information
- Working effectively with people as a member of a team
- Demonstrating an understanding of the world as a set of related systems

## **B RAD II**

### **RADIOGRAPHIC EDUCATION & PATTERN RECOGNITION I**

#### **Learning Outcomes**

- Perform basic radiographic examinations professionally, considering medical ethics, patient rights and care also considering different departmental protocols
- Apply radiation protection measures to patients, staff and the public during radiographic

examinations

- Evaluate radiographic images of the techniques performed to identify normal and abnormal structures as well as the quality of the images and be able to take corrective measures where necessary

## **IMAGING SCIENCE I**

### **Learning Outcomes**

- Demonstrate understanding of diagnostic radiography principles in order to solve practical problems within the Diagnostic Radiography context.
- Identify health problems in the context of Diagnostic Radiography and suggest and implement a solution or plan of action in order to solve the problem professionally
- Work effectively in collaboration with other health care professionals and where appropriate assume leadership in tasks or projects to assure quality to minimize the risk associated with adverse reactions of both patients and the public.
- Use Science and Technology effectively to keep up with the current trends and changing needs of Diagnostic Radiography and work practices to ensure efficient functioning and administration.
- Contribute towards continued professional development with the view of ensuring that Radiography equipment and accessories are competently operated in order to optimize the diagnostic capability of the equipment
- Reflect and explore a variety of strategies in order to improve Diagnostic Radiography Practice by participating in the social, political and academic debate about how it should be conducted.
- Communicate effectively in the learning and health care environments to ensure that patients' needs are recognized, assessed and responded to with due regard to human dignity.

## **RADIOPHARMACOLOGY**

### **Learning Outcomes**

At the end of this module, you should be able to:

- Apply the principles of drug action in the selection of contrast media used in diagnostic radiography.
- Define and apply the different modes of drug administration in radiography.
- Interpret the principles of pharmacokinetics and pharmacodynamics of drugs used in radiography.
- Discuss the clinical applications of the most common radiopharmaceuticals in diagnostic imaging.
- Identify the mechanism of action of drugs available on the emergency trolley.

## **PROFESSIONAL LITERACY & RESEARCH**

### **Learning Outcomes:**

Student must:

- be able to identify a problem
- find ways to solve it and
- write a scientific report

## **RADIOGRAPHIC PHYSICS**

### **Learning Outcomes:**

The learner must be able to:

- Discuss the physics of x-ray production
- Explain the structural and functional organization of x-ray equipment and its function
- Describe radioactivity and its importance
- Discuss radiation protection principles, role and application

## **CLINICAL EDUCATION & PRACTICE I**

### **Learning Outcomes:**

The learner should be able to:

- Demonstrate competency in the performance of radiographic procedures in order to produce images of diagnostic quality
- Evaluate the quality of routine and specialized radiographic images and perform image interpretation to identify normal and abnormal appearances
- Perform safe and effective patient care in accordance with the patient's needs and departmental protocol to ensure that quality service is provided and the welfare of the patient is maintained
- Apply the principles of human rights, ethics and medical law which ensure the well-being of the patient
- Access, organize and present information applicable to the radiography context in order to record, retrieve and communicate patient data
- Plan, develop and apply total quality management appropriate to the diagnostic radiography context
- Demonstrate research skills and foster a research climate in diagnostic radiography
- Demonstrate and understand the systems approach to problem solving
- Identify health problems in the context of radiography and suggest and implement a plan of action to solve the problem professionally
- Demonstrate creative thinking in identifying and solving problems relating to radiography
- Perform professional duties with confidence in collaboration with other health care professionals and workers and where appropriate assumes leadership in tasks or projects
- Keep up with current trends and changing needs for radiographic service on a regional, national and international level
- Facilitate professional development of staff
- Reflecting and exploring a variety of strategies to work more effectively
- Communicate more effectively in the learning and health care environments

## **ETHICS & MEDICAL LAW**

### **Learning Outcomes:**

At the end of this module, the student must be able to:

- Discuss the legal provisions applicable to health care service delivery and radiography in South Africa and important international conventions
- Discuss ethics as they apply to health care service provision
- Apply ethical principles in clinical decision making to improve care and avoid litigation
- Describe bioethics and the application of its principles when conducting research in health care practice

## **B RAD III**

## **RADIOGRAPHIC EDUCATION & PATTERN RECOGNITION II**

### **Learning Outcomes:**

- Discuss the additional radiographic projections of the respiratory system, upper and lower limbs, skull and facial bones, vertebral column and pelvis
- Discuss the radiographic procedures to demonstrate the GIT, urinary system, reproductive system
- Discuss the basic principles and clinical applications of the following special imaging modalities: CT, MRI, Bone Density and Fluoroscopy and perform the relevant procedures in accordance with different departmental protocols
- Discuss and apply relevant radiation protection and safety principles, infection control as well as patient care during radiographic procedures
- Display good work ethics and attitudes as well as professional behavior in clinical practice

- Understand different pathological conditions and be able to perform techniques to demonstrate the conditions
- Evaluate images for quality and for normal and abnormal patterns to take corrective measures where applicable
- Perform iodinated contrast media studies

## **IMAGING SCIENCE II**

### **Learning Outcomes:**

On completion of this course the learner will:

- have the knowledge, skill and attitude required to produce, manipulate and record quality images utilizing a variety of imaging modalities
- be able to access and distribute information through the communication network
- be able to quality assure a variety of radiographic equipment

## **RESEARCH DESIGN & STATISTICS**

### **Learning Outcomes:**

Students will:

- have the skills to find, critically evaluate and interpret research related literature and to synthesize a literature review.
- be enriched with the theoretical background of research design types.
- apply the principles of research to their own research topics.
- develop skills to understand the development of a research protocol
- understand ethical principles of research
- understand apply the basic statistics concepts and representations
- understand the laws of probability
- present normal and standardized curves and apply distributions
- understand how to work with qualitative data
- be able to perform significance tests

## **CLINICAL EDUCATION & PRACTICE II**

### **Learning Outcomes:**

The learner should be able to:

- Demonstrate competency in the performance of radiographic procedures in order to produce images of diagnostic quality
- Evaluate the quality of routine and specialized radiographic images and perform image interpretation to identify normal and abnormal appearances
- Perform safe and effective patient care in accordance with the patient's needs and departmental protocol to ensure that quality service is provided and the welfare of the patient is maintained
- Apply the principles of human rights, ethics and medical law which ensure the well-being of the patient
- Access, organize and present information applicable to the radiography context in order to record, retrieve and communicate patient data
- Plan, develop and apply total quality management appropriate to the diagnostic radiography context
- Demonstrate research skills and foster a research climate in diagnostic radiography
- Demonstrate and understand the systems approach to problem solving
- Identify health problems in the context of radiography and suggest and implement a plan of action to solve the problem professionally
- Demonstrate creative thinking in identifying and solving problems relating to radiography
- Perform professional duties with confidence in collaboration with other health care professionals and workers and where appropriate assumes leadership in tasks or projects
- Keep up with current trends and changing needs for radiographic service on a regional,

- national and international level
- Facilitate professional development of staff
- Reflecting and exploring a variety of strategies to work more effectively
- Communicate more effectively in the learning and health care environments

## **RADIOGRAPHIC PRACTICE MANAGEMENT & LEADERSHIP**

### **Learning Outcomes:**

At the end of this module, you must be able to:

- Apply total quality management systems in the imaging department to run an efficient and effective department
- Provide personal and professional leadership important in the management of complex organizations

## **RADIOGRAPHIC PATHOLOGY**

### **Learning Outcomes:**

- The course provides knowledge and understanding of normal and abnormal patterns of anatomical structures and physiological processes on radiographic image as well as on cross sectional modalities

## **B RAD IV**

### **Radiographic Education & Pattern Recognition III**

#### **Learning Outcomes:**

At the end of this module, you will be able to:

- Discuss radiographic examinations of MRI, dental imaging, pediatric radiography, biliary system and digital fluoroscopy and perform the relevant procedures in accordance with different departmental protocols
- Discuss and apply relevant radiation protection and safety principles, infection control as well as patient care during radiographic procedures
- Display good work ethics and attitudes as well as professional behavior in clinical practice
- Understand different pathological conditions and be able to perform techniques to demonstrate the conditions
- Evaluate images for quality and for normal and abnormal patterns to take corrective measures where applicable
- Perform iodinated contrast media studies

## **Imaging Science III**

### **Learning Outcomes:**

On completion of this course the learner will:

- have the knowledge, skill and attitude required to produce, manipulate and record quality images utilizing a variety of imaging modalities
- be able to access and distribute information through the communication network
- be able to quality assure a variety of radiographic equipment

## **Research Project**

### **Learning Outcomes:**

- Apply scientific principles in conducting research, compile report, and communicate the findings in accordance with the department and university rules

## **Clinical Education & Practice III**

### **Learning Outcomes:**

The learner should be able to:

- Demonstrate competency in the performance of radiographic procedures in order to produce images of diagnostic quality

- Evaluate the quality of routine and specialized radiographic images and perform image interpretation to identify normal and abnormal appearances
- Perform safe and effective patient care in accordance with the patient's needs and departmental protocol to ensure that a quality service is provided and the welfare of the patient is maintained
- Apply the principles of human rights, ethics and medical law which ensure the well-being of the patient
- Access, organize and present information applicable to the radiography context in order to record, retrieve and communicate patient data
- Plan, develop and apply total quality management appropriate to the diagnostic radiography context
- Demonstrate research skills and foster a research climate in diagnostic radiography
- Demonstrate and understand the systems approach to problem solving
- Identify health problems in the context of radiography and suggest and implement a plan of action to solve the problem professionally
- Demonstrate creative thinking in identifying and solving problems relating to radiography
- Perform professional duties with confidence in collaboration with other health care professionals and workers and where appropriate assumes leadership in tasks or projects
- Keep up with current trends and changing needs for radiographic service on a regional, national and international level
- Facilitate professional development of staff
- Reflecting and exploring a variety of strategies to work more effectively
- Communicate more effectively in the learning and health care environments

## **ELECTIVES: CHOOSE 1**

### **Advanced Pattern Recognition**

#### **Learning Outcomes:**

- Critically analyze the process of clinical decision making and reasoning in the context of image interpretation.
- Critically evaluate the pathological changes and patterns on diagnostic images

### **Advanced Computerised Tomography**

#### **Learning Outcomes:**

- Critically evaluate a range of evidence, techniques and protocols relevant to clinical practice and make informed judgements about quality and appropriateness
- Critically appraise available technology and associated parameters in providing a CT service;
- Analyze and critically evaluate image quality in relation to scanning techniques;
- Demonstrate knowledge consistent with safe clinical practice.
- Understand the nature and role of research in evidence-based practice

### **Medical Imaging Informatics**

#### **Learning Outcomes:**

Having successfully completed this module the students will be able to:

- Discuss the practical and operational issues essential to a successful PACS implementation
- Discuss the latest advances in Imaging Informatics technology

### **Radiation Safety & Protection**

#### **Learning Outcomes:**

At the end of this module the students should be able to:

- Apply legislations governing radiation safety in health care
- Analyze safety measures within the department, determine gaps and develop protocols to improve radiation safety



- Apply effective and innovative radiation protection measures during radiographic procedures
- Demonstrate the competence in using the radiation equipment and accessories safely to protect patient, staff and the public

### **Advanced Magnetic Resonance Imaging**

#### **Learning Outcomes:**

At the end of this module the student must be able to:

- Competently perform quality MRI examinations using appropriate scanning protocols according to patient's clinical condition/pathology taking safety measures into consideration
- Gain a comprehensive understanding of the physics principles and technology underpinning the acquisition, production and presentation of magnetic resonance images
- Perform post processing techniques.

**THE END.**