

FACULTY OF HEALTH SCIENCES

School of Dentistry

- Community Dentistry
- Dental Management Sciences
- Maxillo-facial and Oral Surgery
- Odontology
- Oral Pathology and Oral Biology
- Orthodontics
- Periodontics and Oral Medicine
- Prosthodontics

School of Healthcare Sciences

- Human Nutrition
- Nursing Science
- Occupational Therapy
- Physiotherapy
- Radiography

School of Health Systems and Public Health

- Public Health Medicine

School of Medicine

- Aerospace Medicine
- Anaesthesiology
- Anatomical Pathology
- Anatomy
- Cardiology
- Cardiothoracic Surgery
- Chemical Pathology
- Clinical Epidemiology
- Dermatology
- Family Medicine
- Forensic Medicine
- Haematology
- Immunology
- Internal Medicine
- Medical Microbiology
- Medical Oncology
- Medical Virology
- Neurology
- Neurosurgery
- Nuclear Medicine
- Obstetrics and Gynaecology
- Ophthalmology
- Orthopaedics
- Otorhinolaryngology
- Paediatrics
- Pharmacology
- Physiology
- Plastic Surgery
- Psychiatry
 - Nelson Mandela Chair in
Philosophy and Ethics of Mental
Health
- Radiation Oncology
- Radiology
- Sports Medicine
- Surgery
- Urology

Centre for Sports Sciences: Sports Medicine Division

**SCHOOLS OF DENTISTRY, HEALTHCARE SCIENCES,
HEALTH SYSTEMS AND PUBLIC HEALTH,
MEDICINE**

CENTRE FOR SPORTS SCIENCES: SPORTS MEDICINE DIVISION

NELSON MANDELA CHAIR IN PHILOSOPHY AND ETHICS OF MENTAL HEALTH

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FACULTY OF HEALTH SCIENCES

**SCHOOLS OF DENTISTRY, HEALTHCARE SCIENCES,
HEALTH SYSTEMS AND PUBLIC HEALTH,
MEDICINE**

CENTRE FOR SPORTS SCIENCES: SPORTS MEDICINE DIVISION

AND THE

**NELSON MANDELA CHAIR IN PHILOSOPHY AND ETHICS OF
MENTAL HEALTH**

ACADEMIC PERSONNEL AS AT 30 JUNE 2010

ACTING DEAN

Prof. J.A. Ker
MBChB MMed(Int) MD(Pretoria)

DEPUTY DEAN

Prof. J.A. Ker
MBChB MMed(Int) MD(Pretoria)

SCHOOL OF DENTISTRY

DEAN/MANAGER

Prof. A.J. Ligthelm, MChD(Pretoria) PhD(Stellenbosch) FCPATH(SA) OralPath MASSAf

Department of Community Dentistry

Van Wyk, P.J., BSc MChD PhD Dip Publ Admin(Pretoria)	Professor/ Head: Clinical Department (Head)
Ayo-Yusuf, O. A., BDS(Benin) DHSM MSc(Odont) MPH (Pretoria) PhD(Maastricht)	Associate Professor/ Stomatologist
Botha, F.S., BSc(Hons) MSc(Potchefstroom) PhD(Pretoria).....	Senior Lecturer
Kolisa, Y., BDS(Medunsa) MPH MDent(Witwatersrand)	Senior Lecturer/ Specialist
Booyens, S.J., Dip(OH) MSc(Odont)(Pretoria) BA(Unisa) Dip SpTher(NKP)	Lecturer/Asst.Director: Oral Hygienist
Du Bruyn, R.C., AdvDipOHyg DHETP BEd(Hons) MEd(Pretoria)	Lecturer/ Asst.Director: Oral Hygienist
Van Wyk, C., AdvDipOHyg Dip(Odont) MSc(Odont)(Pretoria)	Lecturer/ Chief Oral Hygienist

Department of Dental Management Sciences

White, J.G., BChD(Hons) MBA(Stellenbosch) DTI PhD(Pretoria)	Associate Professor/ Head: Clinical Unit (Head)
Postma, T.C., MChD DHSM(Pretoria)	Senior Lecturer/ Specialist
Ayo-Yusuf, I.J., Dip(Odont)(Pretoria) PDD MSc(Stellenbosch)	Lecturer/Dentist
Grove, J.T.K., BChD(Pretoria)	Lecturer/Dentist
Heymans, J.H., BChD(Pretoria)	Lecturer/Dentist
Mostert, V.C., BChD(Western Cape)	Lecturer/Dentist
Snyman, L., BChD Dip(Odont)(Pretoria) PDD(Stellenbosch) PGCHE(Pretoria)	Lecturer/Dentist
De Klerk, N., DipOH(WesternCape)	Lecturer/ Oral Hygienist

Department of Maxillo-Facial and Oral Surgery

Bütow, K-W., BSc(RAU) MChD(MaxFacOralSurg)(Stellenbosch) DrMedDent (Erlangen-Nürnberg) PhD DSc(Odont)(Pretoria) FC MFOS(SA)	Professor/ Head: Clinical Department (Head)
Jacobs, F.J., BChD(Hons) MChD(MaxFacOralSurg) PhD(Pretoria) FC MFOS(SA)	Associate Professor/ Head: Clinical Department
Dintcheva, P.M., MStomat DipDentSurg(Sofia, Bulgaria) Dip(Odont)(Pretoria)	Lecturer/Dentist
Kotzé, M.J., BChD(Hons) Dip(Odont)(Pretoria)	Lecturer/Dentist
Roode, G.J., BChD MSc(Odont) Dip(Odont) (Oral Surg) Dip(Odont) (Radiol)(Pretoria)	Lecturer/Dentist
Syebile, K., DipMed DipDent DipMFSurg(Kinshasa, Congo) Dip(Odont)(Pretoria)	Lecturer/Dentist

Department of Odontology

De Wet, F.A., BChD MDent, DTI DSc(Odont)(Pretoria)	Professor/ Head: Clinical Department (Head)
Dannheimer, M.F.G., BChD MDent DTI(Pretoria)	Emeritus Professor/ Stomatologist
Becker, L.H., MChD(Pretoria) HDipDent(Witwatersrand)	Emeritus Professor
Van der Vyver, P.J., BChD Dip(Odont)(Aesthetic Dentistry) Dip(Odont)(Endodontics) MSc(Odont)(Pretoria)	Extraordinary Professor
Bookhan, V., BDS MDent(Prosthodontics)(Medunsa)	Senior Lecturer/ Specialist
Brandt, P.D., BChD PDD(Stellenbosch) MSc(Odont)(Pretoria)	Senior Lecturer/ Stomatologist
Makobe, D.C., BDS(Medunsa) Dip(Odont)(Pedodontics)(Pretoria)	Lecturer/Dentist
Mfolo, T.B., BChD(WesternCape) PGDipDent(Aesthetic Dentistry)(Pretoria)	Lecturer/Dentist
Nkambule, R.N. BDT BDS(Medunsa)	Lecturer/Dentist
Rossouw, N., BChD PGDipDent(Aesthetic Dentistry)(Pretoria)	Lecturer/Dentist

Warren, N., BChD PGDipDent(Endodontics)(Pretoria)	Lecturer/Dentist
Van Heerden, W.F.P., MChD(Pretoria) PhD(Medunsa)	
DSc(Odont)(Pretoria) FC Path(SA) OralPath MASSAf	Professor/ Head: Clinical Department (Head)
Boy, S.C., MChD(Pretoria)	Associate Professor/ Head: Clinical Unit
Swart, T.J.P., MChD MSc(Odont)(Pretoria)	Associate Professor/ Head: Clinical Unit
Bernitz, H., BChD MSc(Odont) PhD(Pretoria)	Extraordinary Professor
Hemmer, J., BSc MSc(Munster) PhD(Ulm)	Extraordinary Professor
Janse van Rensburg, E., MBChB(Pretoria) MMed(Virol) PhD(Witwatersrand) FCPATH(SA) Virol DSc(Pretoria) MASSAf	Extraordinary Professor
Uys, A., BSc BChD Dip(Odont)(Pretoria)	Lecturer/Dentist
Fensham, R., DipRad(Diag) DipRad(Ther)(Pretoria) DipHOOP(Pretoria)	Lecturer/ Chief Radiographer
Maritz, M.P., DipRad(Diag)(Pretoria)	Lecturer/ Chief Radiographer
Van der Linde, A., DipRad(Diag)(Free State) HED(Unisa) NGSHO(Pretoria)	Lecturer/ Chief Radiographer
Department of Orthodontics	
Hlongwa, P., BOH BDS MDent(Medunsa)	Associate Professor/ Head: Clinical Department (Head)
Grobler, M., MChD(Pretoria) DDO RFPS(Glasgow)	Extraordinary Professor
Botha, P., MChD(Pretoria)	Extraordinary Professor
Du Toit, A., MChD Dip(Odont)(Pretoria)	Senior Lecturer/ Specialist
Suliman, M.F., BChD(Western Cape) Dip(Odont)(Pretoria)	Lecturer/Dentist
Motsepe, M. DipOH(Medunsa)	Lecturer/Oral Hygienist
Department of Periodontics and Oral Medicine	
Van Zyl, A.W., MChD(OMP)(Stellenbosch)	Associate Professor/ Head: Clinical Department (Head)
Lohse, P.J., BDS HDipDent (Witwatersrand)	Extraordinary Professor
Shangase, S.L., BDS MDent(Medunsa)	Senior Lecturer/ Specialist
Msilana, A.I., BSc BDS(Medunsa)	Lecturer/Dentist
Buitendach, M.P., AdvDipOHyg DTI(Pretoria)	Lecturer/ Chief Oral Hygienist
Department of Prosthodontics	
Dullabh, H.D., BChD(Western Cape) MSc(Dentistry) MDent(Prosth)(Witwatersrand)	Associate Professor/ Head: Clinical Department (Head)

Ismail-Vally, Z., BDS MDent(Witwatersrand)	Senior Lecturer/ Specialist
Van den Heever, J.H., MChD(Pretoria)	Senior Lecturer/ Specialist
Lowe, L.G., BDS MSc(Dent)(Witwatersrand)	Lecturer/Dentist
Van der Merwe, L., BChD(Pretoria)	Lecturer/Dentist

School Administration

Snyman, W.D., MChD(Prost) MChD(CommDent) PhD DTVG DTI(Pretoria)	Programme Manager: Education
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SCHOOL OF HEALTHCARE SCIENCES

Chairperson:

Prof. A.J. van Rooijen, BSc(PhysT) MSc(PhysT) DTI(Free State)
TED(PhysT) PhD(Pretoria)

Department of Human Nutrition

Gericke, G.J., BSc(Diet)(Hons) MDiet(Pretoria) DipHospDiet(Free State) DTI(Potchefstroom)	Senior Lecturer (Head)
Wenhold, F.A.M., BSc(Diet)(Hons) DipHospDiet MDiet PhD(Pretoria)	Senior Lecturer
White, Z., PhD(North-West Univ)	Senior Lecturer
Kemp, J.E., BDiet MDiet(Pretoria)	Lecturer
Viviers, C.M., DipHospDiet BSc(Diet)(Hons) MDiet(Pretoria)	Lecturer
Kotze, V., BDiet(Pretoria)	Junior Lecturer

Department of Nursing Science

Mulaudzi, F.M., BCur BCur(Hons) MCur DLitt et Phil(Unisa) Dipl in International Health Research Ethics(Cape Town)	Associate Professor (Head)
Van Wyk, N.C., MSocSc(CommHealth) PhD(Free State)	Associate Professor
Du Rand, E.A., MCur(NursAdm)(Pretoria) DipNursEd	Senior Lecturer
Erasmus, D.G.J., MCur(Midwifery) DCur(Johannesburg)	Senior Lecturer
Heyns, T., BSocSci(Hons) MCur(Trauma)(Pretoria) DLitt et Phil(Unisa)	Senior Lecturer
Leech, R., MECI PhD(Pretoria)	Senior Lecturer
Maree, C.M., MCur(ProfPract)(Johannesburg) PhD(Pretoria)	Senior Lecturer
Peu, M.D., BCur(Hons)(Pretoria) MA(Cur)(CommNurs)(Unisa) PhD(Pretoria)	Senior Lecturer
Coetzee, I.M., BCur(I et A)(Pretoria) MCur(NursEd)(RAU)	Lecturer
Digamela, R., MCur(Midwifery)(Pretoria)	Lecturer
Du Plessis, T., MCur(CommNurs)(Pretoria)	Lecturer
Engelbrecht, N., BACur(Hons) MPhil(Unisa)	Lecturer
Janse van Rensburg, E., MCur(PsychNurs)(Johannesburg)	Lecturer
Mataboge, S., MA(Cur)(CommNurs)(Unisa)	Lecturer
Phiri, S.S., MCur(Stellenbosch)	Lecturer
Rossouw, S.C., BCur(Hons)(Pretoria) DipNursEd	Lecturer
Van Velden, C.E., MCur(NursEd)(Pretoria)	Lecturer

Department of Occupational Therapy

De Beer, M., NatDipOccTher DipEdTherVoc MOccTher(Pretoria) PhD(Medunsa)	Senior Lecturer/ (Head)
Graham, M.S., Nat Dip(OccTher) BOccTher(Hons) MOccTher PhD(Pretoria)	Associate Professor
McAdam, J.C., BSc OccTher(Witwatersrand) MOccTher(Pretoria)	Senior Lecturer
Aronstam, M.C., Nat Dip(OccTher) DipEd OccTher(Pretoria) BA(Unisa) MOccTher(Pretoria)	Lecturer
Buyts, T.L., BOccTher(Free State) BOccTher(Hons)(Pretoria)	Lecturer
Du Plessis, A.M., Nat Dip(OccTher) DipEd OccTher(Pretoria) BA(Unisa) MOccTher(Pretoria)	Lecturer
Engelbrecht, L.H., Nat Dip(OccTher) BOccTher(Hons) MOccTher DTI(Pretoria)	Lecturer
Kruger, A.E., Nat Dip(OccTher) BOccTher(Hons) MOccTher DTI (Pretoria)	Lecturer

Department of Physiotherapy

Van Rooijen, A.J., BSc(PhysT) MSc(PhysT) DTI(Free State) TED(Phys) PhD(Pretoria)	Associate Professor (Head)
Eksteen, C.A., BSc(PhysT)(Stellenbosch) MEd(Unisa) PhD(Pretoria) DTI	Senior Lecturer
Korkie, F.E., BSc(Phys) MPhysT(Pretoria)	Lecturer
Marais, A.M., Dip(PhysT) MPhysT(Pretoria) DTI(Free State)	Lecturer
Mostert, K., BSc(PhysT)(Free State) MPhysT MBA(Pretoria)	Lecturer
Mothabeng, D.J., BSc(PhysT)(Medunsa) MPhysT DTI(Pretoria)	Lecturer
Sihlali, B.H., BSc(PhysT)(Medunsa) MPhysT(Pretoria)	Lecturer
Silmara, H., BSc(Phys)(Brazil) MSc(Witwatersrand)	Lecturer
Tshabalala, M., BSc(Phys)(Cape Town) MSc(Witwatersrand)	Lecturer
Van der Spuy, A.A., Dip(PhysT)(Free State)	Lecturer

Department of Radiography

Makanjee, C.R., DipRad(Diag)(Johannesburg) DipNurseryEd(Unisa) DipTherEd BRad(Hons) MRad(Diag)(Pretoria)	Senior Lecturer/ (Head)
Mathurine, G.T., DipRad(Diagn) DipRad(Ther) AdvDipEd:Rad(Cape Town) Higher DipRad(Diag) DipRadTher(D.I.T)	Senior Lecturer
Ahrens, E., BRad BRad(Hons)(Pretoria)	Lecturer
Kekana, R.M., BRad(Diag)(Medunsa) BAdmin(Unisa) DipTherEd BRad(Hons)(Pretoria) MTech(Ed)(Johannesburg)	Lecturer
Seane, E.N., BRad(Diag)(Medunsa) BRad(Ther)(Hons)(Pretoria) Postgr Course in Radiobiology (CPUT)	Lecturer
Sethole, K.M., BRad(Diag)(Medunsa) NatH.DipNuclMed(Natal Techn) BRad(Hons)(Pretoria)	Lecturer

SCHOOL OF HEALTH SYSTEMS AND PUBLIC HEALTH

Chairperson:

Prof C de Jager, BSc(Hons) MSc(Free State) PhD(Pretoria) Post Doct (Laval)

De Jager, C., BSc(Hons) MSc(Free State) PhD(Pretoria) Post Doct (Laval)	Associate Professor (Chairperson)
Buch, E., MBChB MSc(Med) DTM&H DOH(Witwatersrand) FFCH(SA)	Professor
Rheeder, P., MBChB MMed(Int)(Pretoria) MSc(Clin Epi)(Rotterdam) PhD(Utrecht)	Professor: Clinical Epidemiology
Voyi, K.V.V., BSc(Fort Hare) BSc(Hons) MSc PhD(Cape Town)	Associate Professor
Bamford, L.J., BSocSci(Hons) MBChB(Cape Town) DrPH(London School of Hygiene and Tropical Medicine)	Extraordinary Professor
Bornman, M.S., MBChB DSc(Pretoria) MD(Free State) PrSciNat	Extraordinary Professor
Girdler-Brown, B.V., BSc(Agric)(Natal) MBChB(Rhodesia) MBA MMed(Cape Town)	Extraordinary Professor
Röllin, H.B., MSc(Adam Mickiewicz Univ) PhD(Witwatersrand)	Extraordinary Professor
Stoltz, A.C., BSc(Hons) MSc MBChB PhD(Pretoria)	Extraordinary Professor
Terblanche, A.P.S., BSc BSc(Hons) MSc DSc(Pretoria) Post Doct(Harvard)	Extraordinary Professor
Van Ginneken, J., PhD(Netherlands Interdisciplinary Demographic Institute)	Extraordinary Professor
Westaway, M.S., PhD(Witwatersrand)	Extraordinary Professor
Whittaker, S., BSc UED MBChB FFCH(CM) SA MMed MD	Extraordinary Professor
Claassen, N., BSc MSc(Potchefstroom) PhD(Pretoria)	Extraordinary Lecturer
Goldstein, S.J., MBChB Dipl Health Service Management MMed(Community Health)(Witwatersrand)	Extraordinary Lecturer
Harris, B.N., MBChB MMed(CommHealth)(Pretoria)	Extraordinary Lecturer
Robinson, F., MBChB(Witwatersrand) MMed(Natal)	Extraordinary Lecturer
Tint, K.S., MB BS MMedSc(Rangoon) MPH(Hebrew) MSc(Med)(Witwatersrand)	Extraordinary Lecturer
Beke, A., MBChB(Ghana) MMed(CommHealth)(Medunsa) DTM&H DPH DHSM DOH(Witwatersrand)	Senior Lecturer
Rendall-Mkosi, K., BSc(OT) MPH PhD(Western Cape)	Senior Lecturer/ Research Coordinator
Dzikiti, L., BSc(Hons)(Zimbabwe) MSc(Pretoria)	Lecturer
Webb, E.M., BSc(Agric)(Genetics) MPH(Pretoria)	Lecturer
Wolvaardt, J.E., BCur MPH(Pretoria)	Lecturer

Department of Public Health Medicine

Matjila, M.J., MBChB MMed(Natal)	Professor/ Head: Clinical Department (Head)
Louwagie, G.M.C., MD(Louvain) DTropMed(Antwerp) DHM(Free State) FPHM(SA) MMed(CommHealth)(Free State)	Senior Lecturer/ Medical Specialist
Hyera, F.L.M., Dip Clinical Med(Mwanza) MD(Dar-Es-Salaam) MSc(Comm Health) MMed(Comm Health)(Pretoria) Dip Obs&Gyn(Vienna) DTM&H DOMH(Pretoria)	Senior Lecturer/ Specialist

SCHOOL OF MEDICINE

Chairperson:

Prof. B.G. Lindeque
MBChB(Pretoria) MMed(O et G) MD(Stellenbosch)
GKOG(SA) M.Akad.SA

GENERAL

Nelson Mandela Chair in Philosophy and Ethics of Mental Health

Van Staden, C.W., MBChB MMed(Psych)(Pretoria) MD(Warwick)
FCPsych(SA) FTCL(London) UPLM(Unisa)Professor/Head
Fulford, K.W.M., MB BChir MA(Cambridge) MA DPhil(Oxon)
PhD(London) FRCP FRCPsychExtraordinary Professor

Aerospace Medicine Division

Murray, P.W.L., MBChB BSc BSc(Hons)(Aerospace Med)(Pretoria)
BEng(Stellenbosch) BSc(Eng)(Hons) DHA(Pretoria).....Extraordinary Lecturer
(Head)
Bedford, R.W., MBChB BSc(Hons)(Aerospace Med)(Pretoria).....Lecturer/Medical Officer

Sports Medicine Division

Janse van Rensburg, D.C., MBChB MSc(Sports Medicine)
MMed(MedPhys)(Pretoria)Senior Lecturer
(Head)
Cele, P., MBChB(Cape Town).....Lecturer
Grant, C.C., Nat Dip Analyt Chem(TUT) BSc(Unisa)
BSc(Hons) MSc(Pretoria).....Lecturer
Andrew, J.M.G., BSc(Indiana) MBChB FAAP(Alabama).....Extraordinary Lecturer
Collins, R.M., MBChB MSc(Sports Medicine)(Pretoria).....Extraordinary Lecturer
Mpe, M., MBChB MMed (Int Med)(Medunsa) FCP (SA)Extraordinary Lecturer
Oschman, Z., MBChB(Pretoria) DCH(SA)
MSc(Sports Medicine)(Pretoria)Extraordinary Lecturer
Patricious, J., MBChB(Witwatersrand) MMedSci(Sheffield)Extraordinary Lecturer
Strauss, G.L., MBChB (Free State)Extraordinary Lecturer
Velleman, M.D., MBChB MMed(Rad)(Pretoria) FCRad(SA)Extraordinary Lecturer

Department of Anatomy

Meiring, J.H., MBChB MPraxMed(Pretoria) M.Akad.SA.....Professor (Head)
Pretorius, E., BSc(Hons) MSc(Stellenbosch) PhD(Pretoria)
DTI(Pretoria).....Professor
Steyn, M., MBChB(Pretoria) PhD(Witwatersrand).....Professor
Bester, M.J., BSc MSc(Pretoria) PhD(Witwatersrand)Associate Professor
Bosman, M.C., BMedSci(Pretoria) BSc(Med)(Hons) MSc(Med)
PhD(Medunsa)Associate Professor
Carmichael, S.W., AB(Biology)(Kenyon Coll, Ohio)
PhD(Tulane Univ, New Orleans).....Honorary Professor
Maat, G.J.R., MBChB MD PhD(Leiden)Honorary Professor
Thackeray, J.F., MSc(Cape Town) MPhil(Anthropology)
PhD(Anthropology)(Yale)Honorary Professor

Abrahams, P.H., MBBS(Middlesex Hospital, London)	Extraordinary Professor
Briers, N., BSc(Stellenbosch) MSc DTI(Pretoria)	Senior Lecturer
L'Abbé, E.N., MA(Phys Anthr) (Louisiana State Univ) PhD(Pretoria)	Senior Lecturer
Navsa, N., BSc(Western Cape) MSc(Witwatersrand)	Senior Lecturer
Oetlié, A.C., MBBCh(Witwatersrand) MSc(Anat) DTI(Pretoria)	Senior Lecturer
Jacobs, C.J., BSc(Hons)(Anat) Dip Museology DTI(Pretoria)	Lecturer
Keough, N., BSc(MedSci) BSc(Hons) MSc(Anat)(Pretoria)	Lecturer
Van Schoor, A.A., BSc(MedSci) BSc(Hons) MSc(Anat) PhD(Pretoria)	Lecturer
Raath, R.P., MBChB(Stellenbosch) MMed(Anaes)(Pretoria)	Extraordinary Lecturer
Shanahan, D., PhD(NUI, Galway)	Extraordinary Lecturer

Department of Anatomical Pathology

Louw, M., MBChB MMed(Path)(Pretoria)	Senior Lecturer/ Principal Specialist (Head)
Davel, G.H., MBChB(Pretoria) MMed(AnatPath)(Medunsa) Dip Forens Med(SA)	Senior Lecturer/ Senior Specialist
Dinkel, J.E., MBChB MMed(Path)(Pretoria) DA(SA)	Senior Lecturer/ Senior Specialist
Campaini, C., MBBCh(Italy) MMed(AnatPath)(Medunsa)	Senior Lecturer/ Senior Specialist
Bekker, E., MBChB MMed(Path)(Pretoria)	Lecturer/ Senior Specialist
Eyal, P., MBChB MMed(Path)(Pretoria)	Lecturer/ Senior Specialist

Department of Anaesthesiology

Rantloane, J.L.A., MBChB MMed(Anaes)(Medunsa)	Professor/ Head: Clinical Department (Head)
Fourie, P.J.H.L., MBChB MMed(Anaes)(Pretoria) GKN(SA)	Professor/ Head: Clinical Unit
Milner, A., MBBCh(Witwatersrand) MPharmMed(Pretoria) MMed(Anaes)(Pretoria) GKN(SA) FRCP(Alberta) LMCC(Canada)	Adjunct Professor/ Head: Clinical Unit
Oosthuizen, E.E., MBChB MMed(Anaes)(Pretoria) DA(SA)	Adjunct Professor/ Head: Clinical Unit
Smith, F.J., BSc(Pharm)(Potchefstroom) MBChB MMed(Anaes) MD(Pretoria) GKN(SA) UVLM(SA) FTCL	Adjunct Professor/ Head: Clinical Unit
Alberts, A.N.J.D., MBChB MMed(Anaes)(Pretoria) DA(SA) DipPEC(SA) GKN(SA)	Senior Lecturer/ Principal Specialist
Nel, M.S., MBChB(Pretoria) MMed(Medunsa)	Senior Lecturer/ Principal Specialist
De Bruin, J.C., MBChB MMed(Anaes)(Pretoria) DA DipPEC(SA)	Senior Lecturer/ Medical Specialist

Schutte, H., MBChB MMed(Anaes)(Pretoria)	Senior Lecturer/ Medical Specialist
Brandl, A., MBChB MMed(Pretoria) DA(SA)	Lecturer/ Medical Specialist
Dippenaar, J.M., MBChB MMed(Anaes)(Pretoria) DA DObst(SA)	Lecturer/ Medical Specialist
Möhr, D., MBChB MMed(Pretoria) DA(SA)	Lecturer/ Medical Specialist
Nienaber, L.N., MBChB MMed(Pretoria) DA(SA) FCA(SA)	Lecturer/ Medical Specialist
Noëth, I., MBChB MMed(Pretoria) DA(SA)	Lecturer/ Medical Specialist
Papaikononou, S., MBChB MMed(Anaes)(Pretoria) DA(UK)	Lecturer/ Medical Specialist
Siyaka, G., MBChB MMed(Pretoria) DA(SA)	Lecturer/ Medical Specialist
Spijkerman, S., MBChB MMed(Anaes)(Pretoria) DA(SA)	Lecturer/ Medical Specialist
Venter, G.S.P.W., MBChB MMed(Anaes)(Pretoria) DA(SA) FCS(SA)	Lecturer/ Medical Specialist
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Department of Cardiology

Vacant	(Head)
Adeyemo, A.O., MBBS MCFP(SA) FCP(SA)	Lecturer/ Medical Specialist
Mayayise, M.C., MBChB(Natal) MMed(Int)(Medunsa) FCP(SA)	Lecturer/ Medical Specialist

Department of Chemical Pathology

Oosthuizen, N.M., MBChB(Pretoria) FCPPath(SA)(Chem)	Senior Lecturer/ Senior Specialist (Acting Head)
Kiabilua, Z.M.O., BSc MD(Kinshasa) FCPPath(SA)(Chem)	Senior Lecturer/ Senior Specialist
Van Niekerk, C., MSc(Free State) PhD(Pretoria)	Lecturer/ Medical Scientist

Department of Family Medicine

Hugo, J.F.M., MBChB MFamMed(Free State)	Professor/ Head: Clinical Department (Head)
Meyer, H.P., MBChB MPraxMed(Pretoria) MFGP(SA) FCFP(SA)	Professor/ Head: Clinical Unit
Delport, R., BA et Scien(Nursing)(Potchefstroom) BCur(IntCare)(Hons) MSc(Physiol) PhD MEd(Computer-integrated Education)(Pretoria)	Associate Professor
Cameron, D.A., MBChB(Cape Town) MPraxMed(Medunsa) MPhil(PallMed)(Cape Town)	Adjunct Professor/ Senior Medical Specialist (Part-time)

Matthews, P.A., MBChB(Cape Town) MPraxMed(Medunsa) MFGP(SA).....	Adjunct Professor/ Principal Family Physician
Smith, S., MBChB(Free State) MPraxMed(Pretoria) Fellow: Royal Society of Tropical Medicine and Hygiene	Adjunct Professor/ Senior Medical Specialist
Marcus, T.S., BSc(Econ)(London School of Economics) MSc PhD(Lodz, Poland)	Extraordinary Professor
Engelbrecht, A., MBChB MMed(FamMed)(Pretoria) DA(SA) DipPEC(SA)	Senior Lecturer/ Head: Clinical Unit (Emergency Medicine)
Bondo, C., MBChB(Congo) MMed(FamMed)(Pretoria).....	Senior Lecturer/ Head: Clinical Unit
Ukpe, I.S., MBBCh(Calabar) DTM&H(London) MMed(FamMed)(Pretoria) FACTM(Australia) Fellow: Royal Society of Tropical Medicine and Hygiene	Senior Lecturer/ Head: Clinical Unit
Heystek, M.J., MBChB MPraxMed(Pretoria)	Senior Lecturer/ Head: Clinical Unit
Nkombua, L., MD(Kinshasa) MMed(FamMed)(Pretoria).....	Senior Lecturer/ Head: Clinical Unit
Britz, E.N., MBChB MPraxMed(Pretoria).....	Senior Lecturer/ Senior Family Physician
Geyser, M.M., BSc(Computer Sci) MSc(Kliniese Epidemiologie) MBChB MPraxMed(Pretoria) BSc(Pharm)(Hons) (Potchefstroom) DipPEC(SA) FCEM(SA)	Senior Lecturer/ Senior Family Physician
Zele, N.P., MBChB(Transkei) MFamMed(Free State).....	Senior Lecturer/ Senior Medical Specialist
Chundu, R.C.M., BSc MBChB(Zambia) MMed(FamMed)(Pretoria)	Senior Lecturer/ Medical Specialist
De Villiers-Smit, P., MBChB MMed(FamMed) DipOccH(Pretoria)	Senior Lecturer/ Medical Specialist
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Lachowicz, R., MD(Poland) MMed(FamMed)(Pretoria)	Senior Lecturer/ Medical Specialist
Tiamiyu, M.Y., MBBC(Lagos) DipObs(SA) BSc(Stellenbosch) MMed(FamMed)(Medunsa)	Senior Lecturer/ Medical Specialist
Duvenage, H.S., MBChB MMed(FamMed)(Pretoria)	Senior Lecturer
Oosthuizen, S.J., MBChB MMed(FamMed)(Pretoria)	Senior Lecturer
Peters, F., MBChB(Pretoria) MFamMed(Free State) SGR(Unisa).....	Senior Lecturer

Rauf, W., BSc MBBS(Punjab) DipPEC(SA)	
MMed(FamMed)(Pretoria).....	Senior Lecturer
Van Rooyen, M., MBChB MMed(FamMed)(Pretoria).....	Senior Lecturer
Hoffeldt, A., MBChB(Pretoria).....	Lecturer/ Medical Specialist
Kuther, A., MBChB(Pretoria)	Lecturer/ Medical Specialist
Mathijs, S., MBChB(Pretoria) DipPEC(SA) MPharmMed(Pretoria)	Lecturer/ Medical Specialist
Rossouw, T.M., MBChB MPhil(Stellenbosch)	Lecturer/ Medical Specialist
Hitchcock, S., MBChB(Cape Town) MPraxMed(Pretoria)	
Dip(Pall Med)(Cape Town)	Lecturer/ Family Physician
Firmin, C., MBChB(Medunsa).....	Lecturer
Joubert-Bultman, S.J., MBChB(Pretoria).....	Lecturer
Venayamoorthy, M.M., MB BS BSc(Biology)(East Yangon Univ)	Lecturer

Department of Forensic Medicine

Saayman, G., MBChB MMed(Path:MedForens)(Pretoria)	
FCForPath(SA)	Professor/ Head: Clinical Department (Head)
Carstens, P.A., BLC LLB LLD(Pretoria).....	Extraordinary Lecturer
Guruparsad, K., MBChB MMed(Path:AnatPat)(Pretoria)	
LKPath(SA)	Extraordinary Lecturer
Solomon, C., MBChB DipForMed(SA)(Path).....	Extraordinary Lecturer
Rossouw, S.H., MBChB MMed(Path:MedForens) MA(Pretoria).....	Senior Lecturer/ Head: Clinical Unit
Blumenthal, R., MBChB MMed(Path:MedForens)(Pretoria)	
LKForensPath(SA) DipForensMed(SA)	Senior Lecturer/ Medical Specialist
Du Toit-Prinsloo, L., MBChB MMed(Path:MedForens)(Pretoria)	
DipForensMed(SA)(Pat).....	Lecturer/ Medical Specialist
Gräbe, S., MBChB(Pretoria) DTM DCH	Lecturer (Part-time)
Kelbrick, L.M., BA LLB(Pretoria)	Lecturer (Part-time)

Department of Haematology

Pool, R., MBChB(Pretoria) MMed(Haemat)(Medunsa)	Adjunct Professor/ Chief Specialist (Head)
Swart, A.M., MBChB MPraxMed MMed(Path:Haemat)(Pretoria).....	Senior Lecturer/ Principal Specialist
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Potgieter, J.J.C., MBChB MMed(FamMed)	
MMed(Path:Haemat)(Pretoria).....	Senior Lecturer/ Senior Specialist

Department of Immunology

Anderson, R., BSc(Hons)(Glasgow)

MSc PhD(Witwatersrand).....Professor/
Chief Specialist
(Head)

Theron, A.J., BSc MSc PhD(Pretoria) THED.....Associate Professor/
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Cassol, S.A., BSc(Hons) MSc(Queens Univ) PhD(McGill, Canada)Extraordinary Professor

Olickers, A., BSc MSc PhD(Pretoria)Extraordinary Professor

Pepper, M.S., MBChB(Cape Town) PhD MD (Geneva).....Extraordinary Professor

Van der Merwe, S.W., MBChB MSc(Physiol)(Pretoria).....Extraordinary Professor

Cockeran, R., BSc(Free State) BSc(Hons)(RAU) MSc PhD(Pretoria) ..Extraordinary Lecturer

Cholo, M.C., BSc(Hons) MSc(Univ of the North) PhD(Pretoria).....Extraordinary Lecturer

Frenkel, L.M., BA MD(Kansas).....Extraordinary Lecturer

Ndlovu, BSc(Hons) MSc(Cape Town) PhD(Gent).....Extraordinary Lecturer

Steel, H.C., BSc(Hons) MSc(Rhodes) PhD(Pretoria).....Extraordinary Lecturer

Department of Internal Medicine

Van Gelder, A.L., MBChB(Pretoria) FCP(SA) FRCP(London)Professor/
Head: Clinical
Department
(Head)

Retief, J.H., MMed(Int)(Pretoria).....Professor/
Head: Clinical Unit

Ally, M.M.T.M., MBChB(Witwatersrand) Rheumat FCP(SA).....Associate Professor/
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Mwantembe, O., MBChB MRCP(UK) PhD(Edinburgh)
LRCP(London)Associate Professor/
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Visser, S.S., MMed(Int) PhD Pulmonology(Pretoria).....Associate Professor/
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Tintinger, G.R., MBChB(Witwatersrand) MMed PhD(Pretoria)Associate Professor/
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Potgieter, C.D., MMed(Int)(Pretoria).....Adjunct Professor/
Head: Clinical Unit

Van Zyl, D.G., MMed(Int)(Pretoria) FCP(SA)Adjunct Professor/
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Stoltz, A.C., MBChB MMed(Int) BSc(Hons) MSc PhD(Pretoria)Extraordinary Professor

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Elnagar, A.A., MBChB(Univ Khartoum, Sudan)
FCP(SA) MRCP(UK)Senior Lecturer/
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Levay, P., MMed(Int)(Pretoria)Senior Lecturer/
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Specialist

Ribeiro Da Costa, M.M., MBChB(Pretoria)
MMed(Int)(Witwatersrand)Senior Lecturer/
Senior Medical
Specialist

Sommers, R., MMed(Int) MPharmMed(Pretoria).....	Senior Lecturer/ Senior Medical Specialist
Steyn, G.J., MBChB(Pretoria) MMed(Int)(Medunsa)	Senior Lecturer/ Senior Medical Specialist
Bierman, H., MBChB MMed(Int)(Pretoria)	Lecturer/ Medical Specialist
Bösenberg, L.H., MBChB MMed(Int)(Pretoria)	Lecturer/ Medical Specialist
Delpont, E.F., MBChB MMed(Int)(Pretoria).....	Lecturer/ Medical Specialist
Ellimden, S., MMed(Int)(Pretoria)	Lecturer/ Medical Specialist
Mostert, C.J., MBChB MMed(Int)(Pretoria).....	Lecturer/ Medical Specialist
Pannell, N., MBChB MMed(Int)(Pretoria)	Lecturer/ Medical Specialist
Louw, D., MPharmMed(Pretoria)	Junior Lecturer/ Principal Medical Officer

Dermatology Division

Moche, M.J., MBChB(Natal) MMed(Derm)(Witwatersrand) FCDerm(SA)	Senior Lecturer/ Head: Clinical Department (Head)
Wentzel, L.F., BSc MBChB MMed(Med)(Pretoria)	Senior Lecturer/ Senior Medical Specialist
Tenea, D., MD(Bucharest) MBChB MMed(Derm)(Pretoria)	Lecturer/Medical Specialist

Department of Medical Microbiology

Hoosen, A.A., MSc MBChB MMed(Natal) FCPATH.....	Professor/Chief Specialist (Head)
Ehlers-Van der Zel, M.M., BSc(Agric) BSc(Agric)(Hons) MSc(Agric) PhD(Pretoria) Post Doct (2 years).....	Associate Professor
Dove, M.G., MBChB(Pretoria) MMed(Path:Microb)(Free State)	Emeritus Professor
Fourie, P.B., MSc(Zoology)(Pretoria) PhD(Witwatersrand)	Extraordinary Professor
Ahmed, K., BSc(Westville) MBChB(Natal) MMed(Micro)(Medunsa) FCPath(Micro)	Senior Lecturer/ Specialist
Baba, K., MBBS DTM & H (Witwatersrand) FCPATH(Micro) MMed(Micro)(Medunsa) PhD(Bergen)(Norway)	Senior Lecturer/ Specialist
Ismail, N.A., MBChB FCPATH(Micro) MMed(Micro)(Medunsa) DTM&H(Witwatersrand) PDIC(Stellenbosch)	Senior Lecturer/ Specialist

Lekalakala, M.R., BSc(Micro) MBChB(Medunsa) MMed(Micro)(Univ of Limpopo: Medunsa) DTM&H(Witwatersrand) PDIC(Stellenbosch)	Senior Lecturer/ Specialist
Peer, A.K., BSc(Westville, MSc MBChB(Ireland) MMed(KwaZulu-Natal)	Senior Lecturer/ Specialist
Dangor, Y., BSc(Westville) MSc(Witwatersrand).....	Lecturer/ Senior Medical Scientist
Kock, M., BSc MSc PhD(Pretoria)	Lecturer/ Senior Medical Scientist

Department of Medical Oncology

Dreosti, L.M., BSc(Hons) MBBCh(Witwatersrand) FCP(College of Physicians)(SA)	Professor/ Head: Clinical Department (Head)
Slabber, C.F., MBBCh FCP(College of Physicians)(SA)	Senior Lecturer/ Medical Specialist (Part-time)
Vorster, A., MBChB MMed(Int)(Pretoria) Cert(MedOncology).....	Senior Lecturer/ Medical Specialist (Part-time)
Khanyile, T.M., MBChB MMed(Int)(Medunsa).....	Senior Lecturer/ Medical Specialist
Janse van Vuuren, H.E., MBChB MMed(Path: Haem)(Pretoria)	Senior Lecturer/ Medical Officer
Minyuku, K.F., MBChB(Medunsa)	Lecturer/ Medical Specialist
Burger, W., MBChB(Free State)	Lecturer/ Medical Officer
Coetzer, B.J., MBChB(Pretoria).....	Lecturer/ Medical Officer
De Klerk, E., MBChB(Pretoria)	Lecturer/ Medical Officer
Klebanoff, S., MBChB(Rome).....	Lecturer/ Medical Officer
Ntandane, V., MBChB(Medunsa)	Lecturer/ Medical Officer
Pretorius, F.J., MBChB(Pretoria)	Lecturer/ Medical Officer
Pillay, V., MBChB(Pretoria).....	Junior Lecturer/ Medical Specialist
Agenbag, W.A., BPharm(Potchefstroom)	Research Officer
Cronje, D., DipNurse.....	Research Officer
Mertz, M.S., BPharm(Hons) MSc(Pharm)(Potchefstroom) PhD(Pretoria)	Research Officer
Jooste, L., NatDip(Microbiol)(TUT)	Research Officer
Swart, T., BPharm(Potchefstroom).....	Research Officer
Taverner, A.J., BCur(Pretoria)	Research Officer
Abdoola, Y., BPharm(Witwatersrand).....	Pharmacist

Department of Medical Virology

Webber, L.M., MBChB MMed(Path)(Med Virol) DTH(Pretoria)	Senior Lecturer/ Chief Specialist (Head)
Taylor, M.B., MSc(Rhodes) DSc(Pretoria) MedSci PrSciNat	Associate Professor/ Medical Scientist
Venter, M., BSc BSc(Hons) MSc(Pretoria) PhD(MedVirol)(Witwatersrand)	Associate Professor/ Medical Scientist
Martin, D.J., MBChB MMed(Path)(Virol)(Witwatersrand)	Extraordinary Professor
Bowyer, S.M., BSc(Unisa) MSc(Med) PhD(Witwatersrand)	Senior Lecturer/ Medical Scientist
Mayaphi, S.H., MBChB(Medunsa) FCPATH(SA)(Virol) MMed(Path: Med Virol)(Pretoria) Dip HIV Management.....	Lecturer/Specialist
Richter, K.L., MBChB(Pretoria) FCPATH(SA)(Virol) MMed(Path: Med Virol)(Pretoria) Dip HIV Management DipObst.....	Lecturer/Specialist

Department of Neurology

Schutte, C-M., MBChB MMed(Neur) MD(Pretoria)	Professor/ Head: Clinical Department (Head)
Bartel, P.R., MA(Rhodes) PhD(Natal) FCP(Neur)(SA).....	Professor: Neurophysiology/ Deputy Director
Kakaza, M., BSc(Rhodes) MBChB(Transkei) MMed(Neur)(Pretoria)	Senior Lecturer/ Senior Medical Specialist
Pillay, M., MBChB MMed(Neur)(Pretoria).....	Senior Lecturer/ Senior Medical Specialist

Department of Neurosurgery

Mokgokong, S., BSc(Univ of the North) MBChB(Natal) MMed(Medunsa) FCS(SA) DSc(honoris causa)(Univen)	Professor/ Head: Clinical Department (Head)
Jansen van Rensburg, M., MBChB(Witwatersrand) LKC(SA)(Neurosurgery) FRCS(Edinburgh)	Emeritus Professor
Moja, T.K.P., MBChB(Cape Town) FCS(SA)(Neurosurgery)	Senior Lecturer/ Head: Clinical Unit

Department of Nuclear Medicine

Satheke, M.M., MBChB MMed(Nucl Medicine)(Medunsa) PhD(Gent, Belgium)	Professor/ Head: Clinical Department (Head)
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Buscombe, J., MBBS PhD(London)	Extraordinary Professor
Maes, A., MD PhD(Kul, Belgium)	Extraordinary Professor
Van de Wiele, C., MD PhD(Gent, Belgium)	Extraordinary Professor
Mokgoro, N.P., MBChB MMed(Nucl Medicine)(Medunsa)	Lecturer/ Medical Specialist
Nyakale, N.E., MBChB MMed(Nucl Med)(Pretoria) FCNP(SA)	Lecturer/ Medical Specialist
Soni, N., MBChB FCNP(SA)	Lecturer/ Medical Specialist
Vorster, M., MBChB MPharmMed MMed(Pretoria) FCNP(SA)	Lecturer/ Medical Specialist

Department of Obstetrics and Gynaecology

Lindeque, B.G., MBChB(Pretoria) MMed(O et G) MD(Stellenbosch) GKOG(SA) M.Akad.SA	Professor/ Head: Clinical Department (Head)
Pattinson, R.C., BSc MBBCh(Witwatersrand) MMed(O et G) MD(Stellenbosch) FCOG(SA) MRCOG	Professor/ Head: Clinical Department
Dreyer, G., MBChB MMed(O et G)(Pretoria) FCOG(SA)	Adjunct Professor/ Head: Clinical Unit
Snyman, L.C., MBChB MPraxMed MMed(O et G)(Pretoria) FCOG(SA)	Adjunct Professor/ Head: Clinical Unit
Amoko, D.H.A., MBChB(Makerere Univ, Kampala) MSc(Community Medicine) MHSc(British Columbia) MMed(O et G)(Univ of Limpopo) DTM&H(Witwatersrand)	Senior Lecturer/ Head: Clinical Unit
Lombaard, HA du T., MBChB MMed(O et G)(Pretoria) FCOG(SA)	Senior Lecturer/ Head: Clinical Unit
Mouton, A., BSc(Pharm)(Potchefstroom) MBChB MPraxMed MMed(O et G)(Pretoria) FCOG(SA)	Senior Lecturer/ Medical Specialist
Mulder, J.P., MBChB MMed(O et G)(Pretoria) FCOG(SA)	Senior Lecturer/ Medical Specialist
Shaik, M.Z., MBChB(Medunsa) MMed(O et G) (Pretoria) FCOG(SA)	Senior Lecturer/ Medical Specialist
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Swart, P., MBChB MMed(O et G)(Pretoria)	Senior Lecturer/ Medical Specialist
Abdool, Z., MBChB(Medunsa) MMed(O et G)(Pretoria) FCOG(SA)	Lecturer/Medical Specialist

Du Plessis, J., MBChB MMed(O et G)(Pretoria) FCOG(SA)	Lecturer/ Medical Specialist
Herbst, U., MBChB MMed(O et G)(Pretoria) FCOG(SA)	Lecturer/ Medical Specialist
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Makwela, M.R., MBChB(Cape Town) MMed(O et G)(Pretoria) FCOG(SA).....	Lecturer/ Medical Specialist
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Department of Ophthalmology

Roux, P., MBChB MPraxMed MMed(Ophth)(Pretoria) GKC(Ophth)(SA) FRC(Ophth)(London) DVG(Pretoria)	Professor/ Head: Clinical Department (Head)
Asholi, A.A.O., MBChB(Alfatah) MMed(Ophth)(Pretoria)	Senior Lecturer/ Senior Manager: Medical Services
Makunyane, P.M.S., MBChB(Natal) FCS(Ophth)(Witwatersrand)	Senior Lecturer/ Senior Manager: Medical Services
Carrim, S.S., MBChB(Medunsa) MMed(Ophth)(Pretoria)	Lecturer/ Medical Specialist
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Department of Orthopaedics

Ngcelwane, M.V., MBChB(Natal) FCS(SA) MSc(Orth)(London).....	Adjunct Professor/ Head: Clinical Department (Head)
Myburgh, J.G., MBChB MMed(Orth)(Pretoria) LKC(Orth)(SA).....	Adjunct Professor/ Head: Clinical Unit
Le Roux, T.L.B., MBChB MMed(Orth)(Pretoria) FCS(Orth)(SA)	Adjunct Professor/ Chief Specialist
Motsitsi, N.S., MBChB(Medunsa) MMed(Orth) FCS(ASEA)	Senior Lecturer/ Head: Clinical Unit
Sombili, S., MBChB Dip Orth(SA) FC(Orth)(SA) MMed(Orth).....	Senior Lecturer/ Head: Clinical Unit
Liberthal, W., MBChB MMed(Orth)(Pretoria) FCS(Orth)(SA)	Senior Lecturer/ Principal Specialist
Vlok, A.L., MBChB(Stellenbosch) MMed(Orth)(Pretoria).....	Senior Lecturer/ Principal Specialist
Visser, C.C., MBChB MMed(MedPhys)(Pretoria).....	Senior Lecturer/ Medical Specialist
Goller, R., MBChB MMed(Orth)(Pretoria) FCS(Orth)(SA)	Lecturer/ Medical Specialist
Kruger, T.G., MBChB MMed(Orth)(Pretoria) FCS(Orth)(SA)	Lecturer/ Medical Specialist

Lourens, D.J., MBChB MSc(Sport) MMed(Orth)(Pretoria) FC(Orth)(SA)	Lecturer/ Medical Specialist
Ngobeni, R.S., MBChB(Medunsa) MMed(Orth)(Pretoria) FCS(SA)	Lecturer/ Medical Specialist
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Department of Otorhinolaryngology

Tshifularo, M.I., MBChB(Natal) FRCS(ORL) FCS(ORL)(SA) MMed(ORL)(Medunsa)	Professor/ Head: Clinical Department (Head)
Mulder, A.A.H., MBChB MPraxMed MMed(ORL)(Pretoria)	Emeritus Professor
Monama, G., MBChB MMed(ORL)(Medunsa)	Senior Lecturer/ Principal Specialist
Niemann, G., MBChB MMed(ORL)(Pretoria)	Lecturer/ Medical Specialist

Department of Paediatrics

Green, R.J., MBBCh DCH(SA) FCP(SA) MMed(Paed) FCCP PhD(Witwatersrand) Dip Allerg(SA)	Associate Professor Head: Clinical Department (Head)
Delport, S.D., MMed(Paed) MPharmMed PhD(Pretoria)	Associate Professor/ Head: Clinical Unit
Avenant, T.J., MBChB MMed(Paed)(Pretoria)	Adjunct Professor/ Head: Clinical Unit
Smuts, I., BSc MMed(Paed)(Pretoria)	Adjunct Professor/ Head: Clinical Unit
Masekela, R., MBBCh(Witwatersrand) MMed(Paed) DipAllerg(SA) Cert Pulm(SA) Paed FCCP	Adjunct Professor/ Medical Specialist
Opperman, J.C., MMed(Path) MMed(Paed) DVG(Pretoria) DTM&H(Witwatersrand)	Senior Lecturer/ Head: Clinical Unit
Reynders, D.T., FC(Paed)(SA) MRCP CH(London) Cert Med Oncology(Paed)(SA)	Senior Lecturer/ Head: Clinical Unit
Takawira, F.F., FC(Paed)(SA) DTM&H MMed(Paed)(Witwatersrand)	Senior Lecturer/ Head: Clinical Unit
Bomela, H.N., MBChB(Natal) DCH(SA) FC(Paed)(SA) MMed(Paed)(Witwatersrand) Fellowship in Perinatal-Neonatal Medicine(Texas)	Senior Lecturer/ Medical Specialist
De Witt, T.W., MMed(Paed) DTI(Pretoria)	Senior Lecturer/ Medical Specialist

Feucht, U., MBChB(Stellenbosch) FC(Paed)(SA) MMed(Paed)(Pretoria) Dip HIV Management(Pretoria)	Senior Lecturer/ Medical Specialist
Lubbe, E., MBChB(Pretoria) DA(SA) FC(Paed)(SA) Cert(Paed) Neurology(SA)	Senior Lecturer/ Medical Specialist
Mulaudzi, M.C., MBChB(Natal) MMed(Paed)(Pretoria) Dip HIV Management(SA)	Senior Lecturer/ Medical Specialist
Van Biljon, G., MMed(Paed)(Pretoria) FCP(Paed)(SA).....	Senior Lecturer/ Medical Specialist
Brisley, T., MBChB MMed(Paed) (Pretoria).....	Lecturer/ Medical Specialist
Du Plessis, N.M., MBChB(Stellenbosch) MMed(Pretoria) FC(Paed)(SA) Dip Allerg(SA)	Lecturer/ Medical Specialist
Els, C., MBChB(Free State) DCH(SA) MMed(Pretoria)	Lecturer/ Medical Specialist
Joshi, J.A., MBBCh(Witwatersrand) FC(Paed)(SA).....	Lecturer/ Medical Specialist
Kitchin, O.P., MBChB(Natal) FC(Paed)(SA) Dip Allerg(SA) Cert Pulm(SA)(Paed)	Lecturer/ Medical Specialist
Kwofie-Mensah, M., MBChB DCH MMed FC(Paed)	Lecturer/ Medical Specialist
Mitchell, B.J., MBChB MMed(Paed)(Pretoria)	Lecturer/ Medical Specialist
Moodley, T., MBChB(Pretoria) FC(Paed)(SA) Dip Allerg(SA)	Lecturer/ Medical Specialist
Omar, F.E., MBChB(Pretoria) FC(Paed)(SA)	Lecturer/ Medical Specialist
Pretorius, I., MBChB(Pretoria) FC(Paed)(SA)	Lecturer/ Medical Specialist
Snyman, P.J., MBChB(Pretoria) FC(Paed)(SA) DipPEC(SA)	Lecturer/ Medical Specialist
Terblanche, A., MMed(Paed)(Pretoria) FC(Paed)(SA) DipAllerg	Lecturer/ Medical Specialist
Van Rooyen, E., MBChB MPharmMed(Pretoria) DCH(SA)	Lecturer/Principal Medical Officer

Department of Pharmacology

Greeff, O.B.W., MBChB MPharmMed(Pretoria) FCFP(SA) FFPM(RCP) MD(Psych)(KwaZulu-Natal) M.Akad.SA	Professor (Head)
Steenkamp, V., BSc BSc(Hons) MSc(Pretoria) PhD(Witwatersrand) HED(Unisa).....	Associate Professor
Cromarty, A.D., BSc BSc(Hons) MSc(Witwatersrand) PhD(Pretoria)	Senior Lecturer
Muntingh, G.L., BPharm(Pretoria) MSc(Pharm) PhD(Medunsa).....	Senior Lecturer
Outhoff, K., MBChB(Cape Town) DipPharmMed MFPM(London)	Senior Lecturer
Van der Westhuizen, A.F., BPharm(Otago, New Zealand) MSc(Pretoria)	Lecturer

Department of Physiology

Van Papendorp, D.H., MBChB(Pretoria) BSc(Hons)	
MSc PhD(Stellenbosch) M.Akad.SA.....	Professo (Head)
Haag, M., MSc DSc(Pretoria)	Professor
Apatu, R.S.K., MBChB(Ghana) PhD(Cantab)	Associate Professor
Joubert, A.M., MSc PhD(Pretoria)	Associate Professor
Ker, J., MBChB MMed(Int) PhD(Pretoria) MRCP(Edinburgh)	
Fellow: European Society of Cardiology	Associate Professor
Viljoen, M., MSc PhD (Pretoria) PhD(Witwatersrand)	
Nat Dip(Microbiology)	Emeritus Professor
Dippenaar, N.G., MSc(Stellenbosch) MPhil(Cantab)	
PhD(Medunsa) DipMedTech(ChemPat)	Extraordinary Professor
Coetzee, M., BSc(DomSci)(Ed) MSc(Potchefstroom) PhD(Pretoria)	Senior Lecturer
Du Toit, P.J., BSc MSc PhD(Pretoria)	Senior Lecturer
Soma, P., MBChB MSc(Pretoria)	Senior Lecturer
Govender, C.O., BSocSci(Hons) MA(ClinPsychol)(Pretoria).....	Lecturer
Govender, R., MBChB(Medunsa) FCPATH(Chem)(SA)	
MMed(Path: ChemPath)(Pretoria)	Lecturer
Grobbelaar: C.W., MBChB(KwaZulu-Natal)	Lecturer
Jay-du Preez, T., MBChB(Pretoria) DipRad	Lecturer
Koorts, A.M., MSc(Pretoria)	Lecturer
Mercier, A.E., MBChB BSc(Hons)(Pretoria)	Lecturer
Moses, L.A., MBChB(Pretoria)	Lecturer
Abraham, S., MBChB(Transkei)	Junior Lecturer

Department of Psychiatry

Roos, J.L., MBChB MMed(Psych) MD(Pretoria) FC Psych(SA)	Professor/ Chief Specialist (Head)
Van Staden, C.W., MBChB MMed(Psych)(Pretoria) FTCL(London)	
UVLM(Unisa) MD(Warwick) FC Psych(SA)	Professor
Krüger, C., MBBCh(Witwatersrand) MMed(Psych)(Pretoria)	
MD(Warwick)	Associate Professor/ Principal Specialist
Joubert, P.M., MBChB(Stellenbosch) MMed(Psych)(Pretoria)	
FC Psych(SA)	Adjunct Professor/ Principal Specialist
Scholtz, J.G., BA(Hons) MA(ClinPsychol)(Pretoria)	
DLitt et Phil(RAU)	Adjunct Professor/ Senior Psychologist
Van der Westhuizen, D., MBChB MMed(Psych) MBA MD(Pretoria)	
FC Psych(SA)	Adjunct Professor/ Principal Specialist
Abrie, A., MBChB MBL FC Psych(SA)	Senior Lecturer/ Senior Medical Specialist
Alison, H., MBChB	Senior Lecturer/ Medical Specialist
De Wet, P.H., BChD MBChB MMed(Psych)(Pretoria)	Senior Lecturer/ Principal Specialist

Grobler, G., MBChB MMed(Psych)(Pretoria)	Senior Lecturer/ Principal Specialist
Page, M.L., MBChB MMed(Psych) DTM&H DPH DGA(Pretoria)	Senior Lecturer/ Principal Specialist
Sokudela, B.F., MBChB MMed(Psych)(Pretoria)	Senior Lecturer/ Medical Specialist
Mataboge, C.K., MBChB(Medunsa) MMed(Psych)(Pretoria)	Lecturer/ Principal Specialist
Bohmer, M. W., MBChB FC Psych(SA)	Lecturer/ Medical Specialist
Khamker, N., MBChB MMed(Psych)(Pretoria) FC Psych(SA)	Lecturer/ Medical Specialist
Kotze, C., MBChB DMH(SA) FC Psych(SA) MMed(Psych)(Pretoria)	Lecturer/ Medical Specialist
Lippi, G., MBChB MMed(Psych)(Pretoria) FC Psych(SA)	Lecturer/ Medical Specialist
Pooe, J.M., MBChB(Pretoria)	Lecturer/ Medical Specialist
Michael, K.S. BA BA(Hons)(Psychol)(RAU) MA(ClinPsychol)(Pretoria)	Lecturer/ Senior Psychologist
Swanepoel, I., MSc(MedApplPsychol)(Pretoria)	Lecturer/ Senior Psychologist
Coetzee, J.C., BA(Theology) BA(Hons)(Psychol) MA(ClinPsychol)(Pretoria)	Lecturer/ Psychologist
Macklin, D., BA BA(Hons)(Psychol) MA(ClinPsychol)(Pretoria)	Lecturer/ Psychologist
Morkel, M., BSocScie(Psychology) BSocScie(Psychology)(Hons) MA(ClinPsych)	Lecturer/ Psychologist
Nkosi, L., UED	Lecturer/Psychologist
Van Lelyveld, C.R., B(Psychology) MA(Psychology)	Lecturer/Psychologist
Van Schoor, R.A., MBChB	Lecturer/ Medical Officer
Welgemoed, M.A., M.A., MBChB	Lecturer/ Medical Officer
Steenkamp, L.P., MBChB MMed(Psych)(Pretoria) FC Psych(SA)	Extraordinary Lecturer
Steenkamp, J.J., MBChB(Free State) MMed(Psych)(Pretoria)	Extraordinary Lecturer
Vermaak, J.W., MBChB MMed(Psych)(Pretoria)	Extraordinary Lecturer
Department of Radiation Oncology	
Hocepiet, A.M.L., MD MMed(Rad-Onc)	Senior Lecturer/ Head: Clinical Unit (Acting Head)
Van Rensburg, A.J., MMedSc(Biophysics)(Free State) Dip Public Management PhD(Pretoria)	Extraordinary Professor/ Senior Manager
Bassa, S., MBChB(Natal) FRC(RadOnc)(SA)	Senior Lecturer/ Medical Specialist

Hinson, L.A., MBChB(Cape Town) FC(RadOnc)(SA)	Senior Lecturer/ Medical Specialist
Westerink, H.H.P., MBChB MMed(Rad)(Pretoria).....	Senior Lecturer/ Medical Specialist

Department of Radiology

Lockhat, Z.I., MBChB(Natal) FFRad(D)(SA).....	Associate Professor/ Head: Clinical Department (Head)
Höll, J.L., MBChB(Pretoria) FFRad(D)(SA)	Adjunct Professor/ Head: Clinical Unit
Ahmad, S., MBBS(Pakistan) FCRad(SA)	Senior Lecturer/ Head: Clinical Unit
Khan, N., MBChB FCRad(SA).....	Senior Lecturer/ Head: Clinical Unit
Smal, J., MBChB MMed(Rad-D)(Pretoria).....	Senior Lecturer/ Head: Clinical Unit
Van der Walt, E., MBChB MMed(Rad-D)Pretoria) FCRad(SA)	Senior Lecturer/ Head: Clinical Unit
Makanya, N.Z., MMed(Rad)(Diag)(Medunsa)	Senior Lecturer/ Senior Medical Specialist
Minne, R., MBChB(Pretoria) DipP EC(SA) FCRad(Diag)(SA)	Senior Lecturer/ Senior Medical Specialist
Suleman, F.E., MBChB(Natal) FCRad(Diag)(SA)	Senior Lecturer/ Senior Medical Specialist
Van de Werke, I.E.A., MBChB DVG(Pretoria) DMRD FRCR(London)	Senior Lecturer/ Senior Specialist
Adroos, N., MBChB MMed(Rad-D)(Pretoria)	Senior Lecturer/ Medical Specialist
Thebe, D.C., MBChB MMed(Rad)(Diag)(Medunsa).....	Senior Lecturer/ Medical Specialist

Department of Surgery

Becker, J.H.R., MBChB MMed(Surg)(Pretoria) FCS(SA) FRCS(Glasgow) FRCS(Edinburgh) LKC(SA)	Professor/ Head: Clinical Department (Head)
Mokoena, T.R., MBChB(Natal) FRCS(Glasgow) DPhil(Oxford)	Professor/ Head: Clinical Unit
Karusseit, V.O.L., MBChB MMed(Surg)(Pretoria) LKC(SA)	Associate Professor/ Head: Clinical Unit
Pretorius, J.P., MBChB MMed(Surg)(Pretoria)	Adjunct Professor/ Head: Clinical Unit
Ntle, L.M., MBChB(Natal) FCS(SA).....	Adjunct Professor/ Medical Specialist
Du Plessis, H.J.C., MBChB MMed(Surg)(Pretoria) FCS(SA) FACS	Adjunct Professor/ Medical Specialist

Mieny, C.J., MBChB(Pretoria) ChM(Witwatersrand) MD(Pretoria) FCSA(SA) FRCS(Eng)	Emeritus Professor
Van der Walt, H., MBChB MMed(Surg)(Pretoria) FCS(SA)	Extraordinary Professor
Van Marle, J., MBChB MMed(Surg)(Pretoria) FCS(SA)	Extraordinary Professor
Mulaudzi, T.V., MBChB(Natal) FCS(SA)	Senior Lecturer/ Head: Clinical Unit
Sanamela, K.B., MBChB FCS	Lecturer/ Senior Medical Specialist
Kolev, K.N., MBChB MMed FCS Dip in Med(Plovdiv)	Senior Lecturer/ Medical Specialist
Pienaar, B.H., MBChB(Pretoria) FRCP(SGlasgow) ChM(Cape Town) CEPW(Pretoria)	Senior Lecturer/ Medical Specialist
Chamisa, I., MBChB(UZ) MRCS FRCS(Glasgow) FCS(SA)	Lecturer/ Medical Specialist
Sikhosana, M.H., MBChB (Natal) FCSC(SA)	Lecturer/ Medical Specialist
Botes, K., MBChB MMed(Surg)(Pretoria) Cert in Vascular Surg(SA)	Lecturer/ Medical Specialist (Part-time)
Clifford, S.D., MBChB MMed(Surg)(Pretoria)	Lecturer/ Medical Specialist (Part-time)
De Beer, A., MBChB MMed(Surg)(Pretoria) FRCS(Edinburgh) FCS(SA)	Lecturer/ Medical Specialist (Part-time)
Du Plessis, A.A., MBChB MMed(Surg)(Pretoria) FCS(SA)	Lecturer/ Medical Specialist (Part-time)
Jekel, H., MBChB MMed(Surg)(Stellenbosch)	Lecturer/ Medical Specialist (Part-time)
Laage, N., MBChB MMed(Surg)(Pretoria) FCS(SA) FRCS(Edinburgh)	Lecturer/ Medical Specialist (Part-time)
Loubser, J.S., MBChB MMed(Surg)(Pretoria)	Lecturer/Specialist Medical Specialist (Part-time)
Myburgh, J.A., MBChB MMed(Surg)(Pretoria) GKC(SA) FCS(SA)	Lecturer/ Medical Specialist (Part-time)
Penzhorn, H.O., MBChB MMed(Surg)(Pretoria) FCS(SA) LKC(SA)	Lecturer/ Medical Specialist (Part-time)
Van Niekerk, M.L., MBChB MMed(Surg)(Pretoria)	Lecturer/ Medical Specialist (Part-time)

Van Wyk, W., MBChB(Pretoria) GKC/FCS(SA)	Lecturer/ Medical Specialist (Part-time)
Weir, G., MBChB MMed(Pretoria) Cert in Vascular Surgery(SA)	Lecturer/ Medical Specialist (Part-time)
Welkovich, N., MBChB MMed(Surg)(Pretoria) FCS(SA) Cert in Crit Care(SA)	Lecturer/ Medical Specialist (Part-time)
Gordhan, G.I., MBChB MMed(Surg)(Pretoria) FCS(SA)	Lecturer/ Medical Specialist (Part-time)
Malinga, S.V.M., MBChB(Medunsa) MMed(Pretoria)	Lecturer/ Medical Specialist (Part-time)
Osman, E., MBBS(Khartoum, Sudan) MMed(Surg)(Pretoria)	Lecturer/ Medical Specialist (Part-time)
Semenye, J.T., MBChB(Medunsa) MMed(Pretoria)	Lecturer/ Medical Specialist (Part-time)
Calzadilla-Cruz, M., MBChB	Lecturer/Principal Medical Officer
Taszmirwa, T.T., MBChB	Lecturer/Principal Medical Officer
Spirov, S., MBChB	Lecturer/Principal Medical Officer
Joubert, J.E.H., BNursSci(Hons)(Stellenbosch)	Senior Research Officer

Cardiothoracic Surgery Division

Du Plessis, D.J., MBChB(Pretoria) MMed(ThoracSurg)(Stellenbosch)	Professor/ Head: Clinical Department (Head)
Jacobs, A.G., BSc(Western Cape) BSc(Hons) MSc MBChB MMed(Thorax)(Cape Town) FCS(SA)	Senior Lecturer/ Head: Clinical Unit
Mogaladi, S.M., MBChB(Medunsa) MMed(ThoracSurg)(Pretoria)	Senior Lecturer/ Medical Specialist

Paediatric Surgery Division

Müller, E.W., Staatsexamen (CH) MMed(Surg) (Free State)	Senior Lecturer/ Head: Clinical Unit
Kirsten, M., MBChB (Free State) DCH(SA)	Lecturer/Principal Medical Officer

Plastic Surgery Division

Coetzee, P.F., MMed(Plast Surg)(Pretoria)	Adjunct Professor/ Head: Clinical Unit
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Neumann, A., MMed(Plast Surg)(Pretoria) Senior Lecturer/
Senior Medical Specialist

Department of Urology

Moshokoa, E.M., MBChB MMed(Urol)(Medunsa) FCS(Urol)(SA) Senior Lecturer/
Head: Clinical Department
(Head)

Abul Feilat, R.A., MBChB(Milan) Senior Lecturer/
Principal Specialist

Bornman, M.S., MBChB DSc MD(Pretoria) PrSciNat..... Senior Lecturer

Engelbrecht, M.J., MBChB(Pretoria) FCS(Urol)(SA) Senior Lecturer/
Medical Specialist

Kok, E.L., BA(Unisa) BA(Hons) MBChB(Pretoria) DTI Senior Lecturer/
Medical Specialist

Debeil, Y., MBChB(Pretoria) FCS(Urol)(SA) Lecturer/
Medical Specialist

Notnagel, C.P., MBChB(Free State)..... Lecturer/
Medical Officer

Marais, C.F., MBChB(Free State)..... Lecturer/
Medical Officer

Parbhook, M.N.B., MBChB(Pretoria) Lecturer/
Medical Officer

Aneck-Hahan, N.H., DTech(BiomedTechnol)(TUT) Extraordinary Lecturer

SKILLS LABORATORY

Delpont, R., BA et Scien(Nursing)(Potchefstroom)
BCur(Hons)(Int Care) MSc(Physiol) PhD Med
(Computer-integrated Education)(Pretoria) Associate Professor
(Head)

STUDENT ADMINISTRATION

Cooper, R.R., BA(Pretoria) BA(Hons)(Unisa) Head

Anthony, C.H. Coordinator:
Applications and
Selection

Eksteen, E. Coordinator:
Student Financing

Viljoen, M., BA BA(Hons) MEd(Pretoria). Coordinator:
Student Records and
Examinations

GENERAL INFORMATION

1. Admission

Students who register at the University for the first time, or after an interruption of their studies, should apply for admission or readmission.

- **Undergraduate applications**

Applications for admission to all undergraduate fields of study in the Faculty for which selection applies close on 30 June, with the exception of new first-year students who apply for a transfer from BSc (Biological Sciences) or BSc (Medical Sciences) to MBChB I/BChD I or for medical sciences switching to MBChB/BChD. These applications close on the last Friday in May annually, while applications for BCur(I et A) and Health Sciences Special (Undergraduate) close on 30 November.

- **Postgraduate applications**

Applications for postgraduate study programmes in the School of Dentistry close on 31 October annually, while applications in the other Schools in the Faculty close on 31 January annually. Prospective students must contact the head of department beforehand to make an appointment for an interview.

The closing date for the following selections is:

BRadHons: 30 September

MPhysT and MOccTher: 31 October

2. Selection

Admission to all fields of study in the Schools mentioned in the front part of this publication is subject to a selection procedure. For some of the undergraduate fields of study, or categories of an undergraduate field of study, a personal interview is also required as part of the selection procedure. A pass in the Placement Test is required in respect of all the undergraduate fields of study (see paragraph 3), except for prospective students who have already matriculated.

3. Placement Test

All applicants for admission to the Faculty of Health Sciences must write three tests in July of the preceding year – the placement test in English for educational purposes (PTEEP), the Mathematics comprehension test (MCOM) and the Mathematics achievement test (MACH) – prior to consideration of their applications for admission. Exemption from this requirement may be considered in extraordinary cases. The test results will be used in addition to the Grade 12 results for provisional selection and will not replace the Grade 12 marks. Further details will be available on request from Student Administration with effect from the beginning of May.

4. Undergraduate study programmes with their additional requirements:

- **MBChB:**

The Faculty can accommodate 220 first-year MBChB students. Prospective students for MBChB I are evaluated according to different categories, with the minimum admission requirements set according to the categories in question.

- (a) Candidates who apply for selection, should have passed English and another language with at least a 5 rating code (60-69%), as well as Mathematics and Physical Science.

A minimum APS of 35 and a pass symbol are prerequisites for the various selection categories.

- (b) It is not possible for candidates to complete the first year of study for this study programme at another South African university.
 - (c) A candidate who has passed a full academic year at another university, with at least four first-year subjects, will be considered for selection, but only for admission to MBChB I.
 - (d) Admission of foreign candidates is limited. Preference will be given to students from SADC countries.
 - (e) Candidates will be notified in writing of the outcome of the selection.
 - (f) Candidates who have not been admitted to MBChB I, may register for a first year of study in the BSc degree programme in Biological or Medical Sciences at the University of Pretoria, provided that they qualify for admission. If they pass the prescribed first-semester modules, they may apply during May of their first year of study, for a transfer to MBChB I as from the second semester (this is only allowed for students without any previous tertiary education).
 - (g) Candidates who have not been admitted to the first year of study for the MBChB degree programme, may apply for admission to any other degree programme at this University, provided that they comply with the entrance requirements for the degree programme in question; and may, on the grounds of that achievement, reapply for selection (changing to MBChB I).
 - (h) Applications of students from other medical and dentistry schools, for admission to the MBChB degree programme (changing to this University) will be subject to:
 - (i) An accompanying letter of acknowledgement and consent from the Dean concerned, of the faculty from which the student applies.
 - (ii) A written motivation by the student, providing reasons for changing to the School of Medicine, University of Pretoria.
 - (i) Selection of such a candidate will be done on the grounds of:
 - (i) Academic merit.
 - (ii) Recognition of the prerequisite courses of the university of origin by the Selection Committee, in consultation with the heads of department concerned.
 - (iii) Availability of places in the particular year of study.
- **BClinical Medical Practice:**
Selection for BClinical Medical Practice is based on academic merit and is also subject to the general admission requirements of the University of Pretoria and the specific admission requirements for the BClinical Medical Practice degree as set out in Reg. M. 2A(a).
 - **BChD:**
 - (a) Candidates are not allowed to complete their first year of study at another university.
 - (b) In terms of the selection procedure, candidates must pass both Mathematics and Physical Science with at least a 5 rating code (60 – 69%), and achieve an APS of at least 28, in order to be considered for selection and/or admission.
 - (c) At the conclusion of the selection process, candidates are informed in writing regarding the outcome.
 - (d) Admission of foreign students to the BChD degree programme is limited to one annually. Only applications of candidates from SADC countries are accepted.

- (e) Candidates who are not admitted to the first year of study for the BChD degree programme may register for the BSc degree programme in medical sciences or biological sciences at the University, provided that they comply with the admission requirements for the programme in question. A candidate who completes the first semester of such a degree programme successfully, may apply for admission to the second semester of BChD I on the grounds of this achievement. If successful, the student may be admitted to the second semester of BChD I.
- **Bachelor of Oral Hygiene:** Regulation D.1A of this publication contains the minimum requirements for subjects passed in the final Grade 12 examination according to the selection procedure. A minimum APS is required.
 - **BPhysT:** Regulation H.17(a) of this publication contains the minimum requirements for subjects passed in the Grade 12 final examination according to the selection procedure. A minimum APS is required for the various categories.
 - **BCur:** The stipulations of the selection procedure with regard to the required Grade 12 subjects are set out in Regulation H.1(b)(ii) of this publication. Only candidates who can submit proof that they are registered as student nurses at an approved hospital, will be considered for admission.
 - **BCur(I et A):** The admission requirements according to the selection procedure as well as the requirements with regard to registration with the South African Nursing Council are set out in Regulation H.2(b) and (c) of this publication. Additional admission requirements for Clinical Nursing Science also appear in par (c) of the regulation in question.
 - **BRad:** The admission requirements according to the selection procedure and the required Grade 12 subjects are set out in Regulation H.7(a) in this publication. A minimum APS applies to the various categories.
 - **BOccTher:** Regulation H.11(a) of this publication contains the minimum requirements for subjects passed in the final Grade 12 examination according to the selection procedure. A minimum APS requirement applies to the various categories.
 - **BDietetics:** Regulation H.20(a) of this publication contains the minimum requirements for subjects passed in the final Grade 12 examination according to the selection procedure. A minimum APS applies to the various categories.
5. **Statement of symbols**
When registering at this University for the first time, a candidate has to submit official proof of the symbols obtained in each subject in the final Grade 12 examination.
 6. **National Senior Certificate**
All undergraduate candidates who enrol at the University of Pretoria for the first time, must show their original National Senior Certificate at the Student Administration of their faculty before the end of the first semester.
 7. **Language of tuition**
In conducting its general business, the University uses two official languages, namely Afrikaans and English.

In formal education, the language of tuition is either Afrikaans or English or both languages, taking the demand as well as academic justification and economic viability into consideration. However, it remains the student's responsibility to determine in which language a module and any further level of that module is presented. This information is published annually in the Timetable. The University reserves the right to change the language of tuition on short notice, depending on the size of the groups and the availability of lecturers. In respect of administrative and other services, a student may choose whether the University should communicate with him or her in Afrikaans or English.

Undergraduate: The **language policy** is flexible to accommodate all students in Afrikaans and/or English.

The use of English for all auditorium type lectures to large groups of students has been **phased in** from the first year of study, since 2002. The necessary support (e.g. visual teaching aids, study notes, tutorial sessions, repeating sections of the presentation during lectures) is provided to Afrikaans-speaking students as far as practically feasible.

Small-group lectures/discussions/tutorials are presented in the language of choice (Afrikaans or English) of the group, provided that the lecturer is proficient in the language.

All printed matter (study guides, block books, examination and test papers, notices etc.) is provided in the languages mentioned above.

Textbooks are provided in Afrikaans and/or English only.

Students can communicate orally as well as in writing, in Afrikaans and/or English, with lecturers and other members of staff. Tests and examinations may be written in Afrikaans or English.

Postgraduate: Presentation takes place in Afrikaans and/or English, taking into account the student's preference, but also with due allowance for available and effective utilisation of resources within the University. The language in which a dissertation or thesis will be presented, must be discussed with the supervisor or with the faculty, at the commencement of studies.

8. **Bursaries and loans**

Particulars of bursaries and loans are available on request.

9. **Accommodation**

Applications for accommodation in university residences for a particular year may be submitted as from March 1 of the preceding year. Applications will be considered as long as vacancies exist, and prospective students are advised to apply well in advance. Please note that admission to the University does not automatically imply that accommodation will also be available.

10. **Welcoming day, registration and start of the academic year**

Details of the welcoming day to which all parents are cordially invited, and the subsequent programme for registration and start of the academic year during which all new first-year students **must** be present, are obtainable from the office of the Dean of Students.

11. **Prescribed books**

Lists of prescribed books are available for all study programmes. However, regarding all study programmes, the lecturers concerned will supply information regarding prescribed books to students when lectures commence.

12. Amendment of regulations and fees

The University retains the right to amend the regulations and to change study programme fees without prior notification.

NB The fees advertised and thus levied in respect of a module or study programme presentation represents a combination of the costs associated with the formal services rendered (for example lectures, practicals, access to laboratories, consumables used in laboratories, etc.) as well as associated overheads such as the provision of library and recreation facilities, security and cleaning services, electricity and water supply, etc. Therefore the fees in respect of a module or study programme presentation cannot simply be reconciled with the visible services that are rendered in respect of such module or study programme.

DEFINITION OF TERMS

Familiarise yourself with the meaning of the undermentioned terms. They are used generally in all faculties and in particular in this Faculty.

academic year: the academic year as determined by the University Council

module: a defined aspect of a subject that forms a unit and to which a module code has been allocated

core module: a module that is compulsory for a specific programme or package

fundamental module: a module that can be regarded as the academic basis of the learning activities in a specific programme or package

elective module: a module that forms part of a package and can be taken by own choice, provided that adequate credits are obtained at the specified year level, according to the requirements for the qualification the student follows

hours of learning: the calculated number of hours a student is perceived to use to master the learning content of a specified module or programme. The total number of learning hours of a module comprises the time taken up by lectures, practicals, self-tuition and any other activity required according to the training programme. Learning hours of modules are normally calculated on the basis of 40 working hours per week x 28 week = 1120 + 80 additional hours for evaluation = 1200. For undergraduate modules, the total number of learning hours for a module is calculated according to the formula: number of credits of the module x 10.

credits: a number of credits allocated to each module that represents the amount of work and the extent of the module

curriculum: a series of modules from different subjects grouped together over a specified period of time and in a certain sequence according to the regulations

block: a module/modules presented as a block in a specified period of time during the academic year

block mark is calculated from the continuous evaluation opportunities during the course of the presentation of the relevant block

block examination: examination on the total content of a block. This is scheduled at the end of a block/semester

final block mark is calculated from the block examination mark and the block mark (continuous evaluation) in a 50:50 or 60:40 ratio

package: a group of modules with a specific coherence and focus, selected as a specialisation within a programme by students

examination mark: the mark a student obtains in the examination of a module, including practical and clinical examinations where applicable

final mark: is calculated from the examination mark as well as the mark compiled from the continuous evaluation during the presentation of the module

GS: a combined mark (semester/year mark plus examination mark) of at least 40% required for admission to a specific prescribed module

module level or level: an indication of the level of complexity of a module (e.g. first, second or further level), which also implies a particular credit value. The (year) level is indicated by the first digit of the module code (e.g. FLG 322 is a module at level three of the physiology discipline)

anti-semester modules (for MBChB I and BChD I): modules of a subject normally presented in the first semester, which can be repeated in the second semester and whereby students have another opportunity to attempt passing the modules in question in the same year. (**N.B.:** Only certain departments present modules on an anti-semester basis.)

semester module: a module that extends over one semester

semester/year/continuous evaluation mark: the mark awarded to a student on the grounds of continuous evaluation during the presentation of a module. Consult par.6 under GENERAL ACADEMIC INFORMATION in this publication for further details.

subject: a demarcated field of study of which one module or more may be selected for the study of a degree or diploma

syllabus: the arrangement of the study material for a specific module

year module: a module extending over one year

extended study programme: a study programme for a degree or diploma taken over a period longer than the minimum duration for the degree or diploma according to regulation.

admission procedure: also includes the selection procedure

package coordinator: the person responsible for organising, compiling and teaching as well as guidance in respect of a particular package

programme manager: the person responsible for the overall management, organisation and compilation of a particular programme plus the packages falling under that programme

certificate of satisfactory preparation: satisfactory preparation also implies satisfactory attendance of practical classes and clinical work.

GENERAL ACADEMIC INFORMATION

The regulations with regard to degrees, diplomas and certificates appearing in this publication, are subject to change and may change before the commencement of the academic year 2011.

1. Admission to undergraduate studies and diploma studies

1.1 General

1.1.1 To register for a first bachelor's degree at this University, a candidate must, in addition to the required National Senior Certificate with admission for degree purposes, also comply with the specific admission requirements for particular modules of a subject and study programmes as prescribed in the admission procedure and the departmental regulations of the various schools.

1.1.2 The following persons may also be considered for admission:

Note: A conditional exemption certificate does not grant admission to bachelor's degree studies. The School of Healthcare Sciences will, however, accept a certificate of conditional exemption by virtue of mature age (23 years and older) in the case of the BCur(I et A) degree study, provided that the applicant concerned complies with the minimum requirements set by the

- Matriculation Board and the School in question, in respect of Grade 12 subjects already completed. Candidates are advised to contact the Head of the Department of Nursing Science in this regard.
- 1.1.3 The Senate may limit the number of students allowed to register for a study programme, in which case the Dean concerned may, at his own discretion, select from the students who qualify for admission, those who may be admitted.
- 1.1.4 Subject to differently worded faculty regulations and the stipulations of General Regulations G.1.3 and G.62, a candidate will only be admitted to postgraduate bachelor's degree studies, if he or she is in possession of a recognised bachelor's degree.

1.2 **Requirements for admission to specific modules**

A student who has

- (a) obtained at least 50% in the final Grade 12 examination in Mathematics as well as in Physical Science, will be admitted to Molecular and cell biology (MLB 111), and a module in the subjects Chemistry, Physics, Zoology and Entomology, Genetics, Microbiology or Botany;
- (b) obtained at least 50% in the final Grade 12 examination in Mathematics as well as in Physical Science, will be admitted to a module in Radiation Physics (RFI);
- (c) obtained at least 40% in the final Grade 12 examination in either Physical Science or Life Sciences, will be admitted to modules in Occupational Therapy and Therapeutic Media.
- (d) obtained at least 50% in the final Grade 12 examination in Mathematics, will be admitted to the modules WTW 158 and WTW 134 in Mathematics.

1.3 **Admission requirements for candidates with a National Senior Certificate**

To be able to gain access to the faculty and specific programmes, prospective students require the appropriate combinations of recognised NSC subjects as well as certain levels of achievement in the said subjects. In this regard the determination of an admission point score (APS) is explained and a summary of the faculty specific requirements, i.e. the admission point score (APS) per programme and the specific subjects required per programme is provided.

1.4 **Determination of an Admission Point Score (APS)**

The calculation is simple and based on a candidate's achievement in six 20-credit recognised subjects by using the NSC ratings, that is the "1 to 7 scale of achievement". Thus, the highest APS that can be achieved is 42.

Life Orientation is excluded from the calculation determining the APS required for admission.

Rating code	Rating	Marks %
7	Outstanding achievement	80-100%
6	Meritorious achievement	70-79%
5	Substantial achievement	60-69%
4	Adequate achievement	50-59%
3	Moderate achievement	40-49%
2	Elementary achievement	30-39%
1	Not achieved	0-29%

Provisional selection is based on the results obtained in the final Grade 11 examination. Final admission in the following year is based on the final Grade 12 results, which will be the determining factor to actually commence with the studies.

1.5 Specific admission requirements for the Faculty of Health Sciences

1.5.1 A valid National Senior Certificate with admission for degree purposes.

1.5.2 General requirements and procedures (see University's website for further information):

- Applicants are divided into categories and each category has its own APS.
- Selection takes place in all programmes.
- Selection for MBChB and BChD is based on academic merit, the National Benchmark Test and the Value-added Questionnaire.
- Selection for BClinical Medical Practice is based on academic merit. Also subject to the general admission requirements of the University of Pretoria and the specific admission requirements for the BClinical Medical Practice degree as set out in Reg. M. 2A(a).
- Selection for BCur, BOccTher, BRad, BPhysT and BDietetics is based on academic merit, the National Benchmark Test and the Value-added Questionnaire.
- Selection for BOH – Oral Hygiene – is based on academic merit and the National Benchmark Test.

1.5.3 Minimum subject and level requirements:

Degree	Group A		Group B
	Two Languages	Mathematics	3 other subjects
MBChB	5 (60-69%) in English (at Home Language level or First Additional Language level) <u>and</u> another language (at Home Language Level or First Additional Language level)	5 (60-69%)	5 (60-69%) in Physical Science and 5 (60-69%) in two other subjects
BClinical Medical Practice	4 (50-59%) in English (at Home Language level or First Additional Language level) <u>and</u> another language (at Home Language level or First Additional Language level).	4 (50-59%)	4 (50-59%) in three other subjects
BPhysT	4(50-59%) in English (at Home Language level or First Additional Language level) <u>and</u> another language (at Home Language level or First Additional Language level)	4 (50-59%)	4 (50-59%) in Physical Science and 5 (60-69%) in two other subjects
BDietetics	4 (50-59%) in English (at Home Language level or First Additional Language level) <u>and</u> another language (at Home Language level or First Additional Language level)	4 (50-59%)	4 (50-59%) in Physical Science and 4 (50-59%) in two other subjects
BRad	4 (50-59%) in English (at Home Language level or First Additional Language level) <u>and</u> another language (at Home Language level or First Additional Language level)	4 (50-59%)	4 (50-59%) in Physical Science and 4 (50-59%) in two other subjects

BOccTher	4 (50-59%) in English (at Home Language level or First Additional Language level) <u>and</u> another language (at Home Language level or First Additional Language level)	4 (50-59%)	5 (60-69%) in Physical Science and 4 (50-59%) in two other subjects
BCur	4 (50-59%) in English (at Home Language level or First Additional language level) <u>and</u> another language (at Home Language level or First Additional language level)	Mathematics or Mathematical Literacy	4 (50-59%) in three other subjects
BChD	5 (60-69%) in English (at Home Language level or First Additional Language level)	5 (60-69%)	5 (60-69%) in Physical Science
BOH	4 (50-59%) in English (at Home Language level or First Additional Language level) and another language (at Home language or First Additional Language level)	Mathematics or Mathematical Literacy	4 (50-59%) in Life Sciences

2. **Registration for a particular year of study**

At the beginning of an academic year, a student registers for all the modules he or she intends taking in that particular year (whether these be first-semester, second-semester or year modules).

3. **Credit for modules passed by unregistered students**

There are students who attend lectures, write tests and examinations and in this manner earn marks, but have either not registered for modules or have not registered as students at all. These marks will not be communicated to any student before he/she has provided proof of enrolment.

A student cannot obtain any credits in a specific academic year for a module 'passed' in this manner during a previous academic year and for which he/she was not registered. This arrangement applies even where the student is prepared to pay the tuition fees.

4. **Academic Literacy Test**

All new undergraduate students who register at the University of Pretoria, will be required to write an academic literacy test. On the grounds of this test, students will be required to follow compulsory academic literacy modules (EOT modules) which they must pass as one of the requirements for obtaining their degree. In specific cases, the academic literacy modules may be replaced by other modules as approved by the Chairperson of the School.

5. **Computer and information literacy**

The University of Pretoria requires all undergraduate students to complete the modules (CIL 111) Computer literacy 111 and (CIL 121) Information literacy 121, both of which run for 14 weeks. CIL 111 comprises 1 practical per week, and CIL 121 comprises 2 lectures per week.

Details of the modules are available on request from the School of Information Technology, Faculty of Engineering, Built Environment and Information Technology.

6. **Subminimum in examination papers**

Where applicable, the subminimum required in examinations appears in the regulations of the degree/diploma in question and in the syllabi of the modules in question.

With regard to MBChB:

A subminimum may be required in each module or practical component from which a specific block is compiled, in order to pass in the block in question.

7. **Examinations**

The examinations in first-semester modules take place in May/June, while all other examinations (second-semester modules, year modules and blocks of the MBChB degree programme) take place in October/November.

Consult the study manual of a given block for details of the School requirements for examinations in the MBChB curriculum.

8. **Ancillary examinations**

After conclusion of an examination and before examination results are announced, the examiners may summon a student for an ancillary examination on particular aspects of a module.

Details in respect of a School's requirements for ancillary examinations are published in the study guide of a given block.

9. **Extraordinary examinations (including aegrotats)**

Subject to the stipulations of General Regulation G.12, the period during which an extraordinary examination will take place in the School of Medicine, will be determined by the lecturer concerned, in consultation with the relevant head of department or block chairperson, provided that the examination in a block should take place during the second examination period, if possible.

If an examination consists of more than one evaluation modality, the examination as a whole must be repeated, even if part thereof has already been completed.

10. **Re-marking of examination scripts**

In accordance with the stipulations of General Regulation G.14, departments give feedback to students after an examination on the framework used by the examiners during the examination. The way in which feedback is given, is determined by the head of department. Students may, after perusal, and in the case of MBChB students, after the examination period (which includes the examination and the second examination), within 14 calendar days after commencement of the lectures in the next semester, and after payment of the prescribed fee, apply for the re-marking of an examination script, by an examiner (in the case of MBChB study an **external** examiner from outside of the University) appointed by the head of department concerned.

The School of Medicine furthermore defines the relevant regulation as follows:

- (i) A student has the right of **perusal** of his or her examination script **before** applying for the re-marking of the examination script.

The following is determined by perusal of the script:

- Whether all the answers have been marked.
- Whether the marks awarded, have been calculated correctly.
- Whether the student did in fact answer all the questions.

- (ii) **During perusal, the student, the lecturer as well as a third person must be present.**

If a discussion about the content of the answers in the script develops, the student must be referred to the administration of the School in question, **where he or she applies for the re-marking of the examination script.**

11. Second examination opportunity

- (i) A student may be admitted to a second examination in a module in the following instances [excepting specific faculty requirements in respect of second examinations in specific blocks for the first to the fifth year of study for the MBChB degree (consult Reg. M.1(b)) and the first and second year of study for BChD (consult Reg.D.1(b))]:
 - (aa) If a final mark of between 40% and 49% has been obtained.
 - (bb) If a pass mark has been obtained but not the required subminimum of 40% in the examination as a whole; or
 - (cc) If a pass mark has been obtained but not the required subminimum in subsections of the module.
- (ii) A student must obtain a minimum of 50% in the second examination to pass.
- (iii) The semester/year/continuous evaluation mark is taken into account only if a student did not obtain at least 50% in the second examination of a first-semester module at 100 level.
- (iv) The highest final mark (pass mark) that can be awarded to a student for a second examination, is 50%.

12. Promotion

In certain departments, students can be promoted to a next semester or level of a subject without writing the prescribed examination, provided that their preparation is satisfactory and a continuous evaluation mark of at least 65% has been obtained.

Departments where promotion as prescribed above is possible, will inform students in good time in this regard.

Note:

- Students obtain credit for a promoted module only after they have passed an examination in a consecutive module or modules of the subject in question at this University.
- Promotion as described above, **does not** refer to the option that medical students may exercise to have the block mark at the end of the year, validated as the final block mark for a relevant block (i.e. to be exempted from the block examination in the block), provided, inter alia, that a block mark of at least 60% has been obtained in the block in question.

13. The examination moderating meeting

13.1 Students in Year 1 - 3:

- (i) Students obtain class test, practical and block test marks in respect of each block and special activity (which are disclosed to students). These marks are processed into a block mark (which is not disclosed to students). Each block chairperson publishes a list of the registration numbers of students who have to sit the semester examination in his or her block. The block marks are submitted to Student Administration. Students with examination exemption, who nevertheless prefer to sit the

- block examination, may do so, but will then have to accept the final block mark (which is calculated from the block mark and the examination mark), even if it is less than the (original) block mark.
- (ii) The final block mark of the students who have to sit the examination, is only determined at the end of the block examination, from the contributions of the block mark and the examination mark. This final block mark will reflect the real mark obtained. The EMM (Examination Moderating Meeting) now takes place with the following objectives:
 - Identification of the students who pass;
 - Identification of the students who fail and as a result, have to follow the remedial programme and sit the second block examination;
 - Validation of the block marks of the students who have been exempted from the examination, as the final block marks for the blocks in question; and
 - Identification of students who need study assistance.
 - (iii) Students who fail the examination, must follow the remedial programme and sit the second block examination at the end of the second semester. Only the second block examination mark will count and the maximum that can be obtained is "50H".
 - (iv) The performance of the students who have written the second examination, will be discussed at the second EMM, with the following objectives:
 - Identification of the students who pass; and
 - Identification of the students who fail. In terms of the MBChB selection criteria, first- and second-year students who fail, must apply again for selection.

13.2 **Students in Year 4 and the first half of Year 5: MBChB**

- (i) During the blocks and special activities, students write the class tests as well as the block test. These marks are announced by the block chairperson.
- (ii) Students also do morning rotations, each of which is evaluated. There are eight morning rotations in Year 4, and five in the first half of Year 5. These rotation marks are announced by the relevant departments.
- (iii) The block mark is calculated from the different test marks, marks awarded for practical work and assignments, as well as the rotation(s) coupled to the specific block. In Year 4, this mark can only be calculated in middle September and in Year 5, only in middle May. These marks are not disclosed to students. A list of the registration numbers of students, who have not obtained examination exemption, is placed on the notice board by the block chairperson. These students are obliged to write the block examination. The block marks are submitted to Student Administration. Students who nevertheless choose to write the examination, even though they have been exempted from it, may do so, but will have to accept the final block mark, even if it is lower than the (original) block mark.
- (iv) The final block mark of the students who sit the examination is only calculated at the end of the block examination, from the contributions from the block mark and the examination mark. This final block mark will reflect the real mark obtained. An EMM is now being held, with the following objectives:
 - Identification of the students who pass;
 - Identification of the students who fail and resultantly have to follow the

- remedial programme and sit the second block examination;
 - Validation of the block marks of the students with examination exemption, as their final block marks; and
 - Identification of the students who need study assistance.
- (v) Students who fail the examination, must follow the remedial programme and sit the second block examination, which will take place at the end of the second semester in Year 4, and at the beginning of the second semester in Year 5. Only the second block examination mark will count and a maximum of "50H" can be obtained.
- (vi) Students who sit the second examination, are discussed at the second EMM, with the following objectives:
- Identification of the students who pass; and
 - Identification of the students who fail.

13.3 **Student Interns: MBChB**

13.3.1 **All students**

- (i) At the conclusion of each seven-week rotation, an end-of-rotation evaluation (EORE) takes place in the different departments. The aim with the EORE is the identification of those students who obtain examination exemption (semester examination) and those who are not exempted and will have to sit the examination at the end of the semester. All EOREs are supported by external examiners.
- (ii) The same process takes place in rotations with a duration of 3,5 weeks.
- (iii) No marks are disclosed to students, only the names and/or registration numbers of the students who must sit the semester examination.
- (iv) After conclusion of the semester examination (which extends over three days on dates determined beforehand), an EMM is held, with the following objectives:
- Validation of the rotation marks as the semester examination mark, of the students who have obtained examination exemption. The rotation mark and the EORE mark contribute to the final mark.
 - Identification of the students who have passed the semester examination. The rotation mark and the semester examination mark contribute to the final mark;
 - Identification of the students who have failed the semester examination. These students are referred to Student Administration, as a new rotation division must now be followed; and
 - Identification of the students who need study assistance.

13.4 **Students who repeat rotations: MBChB**

- (i) Students who repeat rotations, do the EORE at the conclusion of the rotation that has been repeated. The objective is to obtain a pass mark. The continuous evaluation marks and the EORE mark contribute to the final mark.
- (ii) On the first Wednesday after the conclusion of the rotation, an EMM takes place at 13:00 (or a different timeslot as arranged), to evaluate the achievement of the students, who have repeated the rotation. The objectives of this EMM are:
- Identification of the students who pass the rotation that has been repeated (final mark of 50% or more) (maximum indicated on the form is "50H");

- Identification of the students who fail the rotation that has been repeated. These students are referred to Student Administration, as a new rotation division must now be followed; and
 - Identification of the students who need study assistance.
- (iii) The achievement of the students who have repeated a 3,5 week rotation, is discussed at the same EMM.

13.5 Students who are "finalists" at another time than the end of the sixth year of study: MBChB

13.5.1 Students who repeated previous rotations successfully, and who are now "finalists", but will be doing the current rotation for the first time:

- (i) These students do the EORE just like all other students do, the objective being, as in the case with other students, to identify those who do or do not obtain, exemption from the semester examination.
- (ii) Students who obtain examination exemption after the conclusion of the EORE, thus pass the rotation automatically.
- (iii) Students who do not obtain exemption from the semester examination after the conclusion of the EORE, must therefore sit the examination at the end of the relevant semester.
- (iv) In keeping with UP regulations, these students, who are completing their studies ("finalists"), who have only one course (rotation) to complete in order to comply with all the requirements for the MBChB degree, and who have not obtained examination exemption, may apply to sit a "special examination" the following week (at a time earlier than the semester examination where applicable). This examination (which will take place at an earlier time), must preferably be scheduled for the Monday or Tuesday of the following week. The department determines the format and due to the fact that the student has already been through the external evaluation process, the presence of an external examiner at the special examination is optional, although recommended. The final mark comprises the examination mark and must be 50% or more to pass. The marks must be available by the Wednesday in order that these students' marks can be submitted to the EMM, which will be held on that day.
- (v) The objectives of the EMM for this category of students are:
 - Identification of the students who have passed the special examination. These students complete the programme, and a special mini oath-taking ceremony is arranged for them; and
 - Identification of the students who have failed the special examination. These students fail the course, must repeat the relevant rotation and must therefore be referred to Student Administration.

13.6 Students who are "finalists", but who are repeating the current rotation (all circumstances - previously, or at a recent EMM, identified as having failed): MBChB

- (i) These students do the EORE as all other students. The objective is to obtain a pass mark. The continuous evaluation marks and the EORE mark contribute to the rotation mark, which, in this case, is also the final mark. The mark must be 50% or more, but the maximum that will be indicated on the form, is "50H".
- (ii) On the first Wednesday after the conclusion of the rotation, an EMM will be held at 13:00 (or another time slot as arranged), to evaluate the

achievement of these students who are repeating the current rotation. The objectives of this EMM are:

- Identification of the students who have passed the EORE/examination. These students thus complete the MBChB degree programme and a mini oath-taking ceremony will be arranged for them; and
 - Identification of the students who have failed the EORE/examination. These students thus fail the rotation, must repeat the relevant rotation and must therefore be referred to Student Administration.
- (iii) Students in this category, who are only repeating a 3,5 week rotation, will follow the exact same route, but a unique EMM will be arranged shortly after completion of the EORE/examination. The same objectives will apply.

14. Conferment of the MBChB degree during graduation ceremonies

Students who will comply with all the requirements for the MBChB degree by 28 February, will receive the degree in question officially during the Autumn graduation ceremonies in April of the particular year.

Students who will only comply with all the requirements for the MBChB degree during or after March, will receive the degree in question officially during the Spring graduation ceremonies in September of the particular year.

DEGREES AND DIPLOMAS CONFERRED/AWARDED

The following degrees and diplomas are conferred/awarded in the Faculty of Health Sciences in respect of the Schools of Dentistry, Healthcare Sciences, Health Systems and Public Health and Medicine (minimum duration of study in brackets):

(a) Bachelor's degrees:

- (i) Bachelor of Medicine and Surgery – [MBChB] (6 years)
- (ii) Bachelor of Clinical Medical Practice – [BClinical Medical Practice] (3 years)
- (iii) Bachelor of Dentistry – [BChD] (5 years)
- (iv) Bachelor of Oral Hygiene – [BOH] (3 years)
- (v) Bachelor of Nursing Science – [BCur] (4 years)
- (vi) Bachelor of Nursing Science (Education and Administration) – [BCur(I et A)] (3 years)
- (vii) Bachelor of Radiography – [BRad] (3 years) (Fields of specialisation: Consult Reg. H.7)
- (viii) Bachelor of Occupational Therapy – [BOccTher] (4 years)
- (ix) Bachelor of Physiotherapy – [BPhysT] (4 years)
- (x) Bachelor of Dietetics – [BDietetics] (4 years)

(b) Honours degrees:

- (i) Bachelor of Science Honours – [BScHons] (1 year full-time; 2 years part-time)
[Fields of specialisation mentioned under the relevant schools]
- (ii) Bachelor of Radiography Honours – [BRadHons] (1 year) [Fields of specialisation: Consult Reg. H.8(b)]
- (iii) Bachelor of Nursing Science Honours – [BCurHons] (1 year) [Suspended until further notice]
- (iv) Bachelor of Occupational Therapy Honours – [BOccTherHons] (2 years) [Suspended until further notice]
- (v) Bachelor of Dietetics Honours – [BDieteticsHons] (1 year full-time, or a maximum of 5 semesters part-time)

(c) **Master's degrees:**

- (i) Master of Medicine – [MMed] (4 to 5 years) (The field of specialisation is indicated in brackets – consult Reg. M.3).
- (ii) Specific master's degrees:
 - (aa) Master of Medical Pharmacology – [MPharmMed] (3 years)
 - (bb) Master of Military Medicine – [MMilMed] (3 years)
 - (cc) Master of Philosophy in Philosophy and Ethics of Mental Health – [MPhil (Philosophy and Ethics of Mental Health)] (1 year full-time or 2 years part-time – with choice of e-learning)
 - (dd) Master of Philosophy in Pain Management – [MPhil (Pain Management)] (2 years with 3 contact sessions per year)
 - (ee) Master of Early Childhood Intervention – [MECI] (2 years part-time)
 - (ff) Master of Public Health – [MPH] (2 years)
- (iii) Master of Science – [MSc] (1 year) [Fields of specialisation mentioned under the different schools.]
- (iv) Master of Nursing Science – [MCur] (1 year) [Fields of specialisation: consult Reg. H.4]
- (v) Master of Radiography – [MRad] (1 year) [Fields of specialisation: consult Reg. H.9]
- (vi) Master of Occupational Therapy – [MOccTher] (2 years) [Fields of specialisation: consult Reg. H.13]
- (vii) Master of Physiotherapy – [MPhyst] (2 years) [Fields of specialisation: consult Reg. H.18]
- (viii) Master of Dietetics – [MDietetics] (1 year)
- (ix) Master of Science Dentistry – [MScDent] (4 semesters part-time)
- (x) Master of Dentistry – [MChD] (4 to 5 years) (Fields: See Reg. D.3)

(d) **Doctorates:**

- (i) Doctor of Philosophy – [PhD] (1 year) (Schools of Medicine, Healthcare Sciences, Dentistry and Health Systems and Public Health) [Fields mentioned under different schools]
- (ii) Doctor of Medicine – [MD] (1 year) [Fields of specialisation: consult Reg. M.10]
- (iii) Doctor of Nursing – [DCur] (by virtue of publications)
- (iv) Doctor of Occupational Therapy – [DOccTher] (1 year)
- (v) Doctor of Science – [DSc] (by virtue of publications)

(e) **Diplomas:**

- (i) Postgraduate Diploma in Family Medicine – (1 year)
- (ii) Postgraduate Diploma in General Ultrasound – [PGDipGUS] (2 years)
- (iii) Postgraduate Diploma in Dentistry – [PGDipDent] (2 semesters part-time)
- (iv) University Diploma in Oral Hygiene – [UnivDipOH] (2 years) (Being phased out)
- (v) Advanced University Diploma in Oral Hygiene – [AdvUnivDipOH] (2 semesters part-time)
- (vi) Postgraduate Diploma in Vocational Rehabilitation – [DVR] (1 year)
- (vii) Postgraduate Diploma in Interpersonal Communication and Group Techniques in Occupational Therapy – [DCG] (1 year) [Suspended until further notice]
- (viii) Postgraduate Diploma in Group Activities – [DGA] (1 year)
- (ix) Postgraduate Diploma in the Handling of Childhood Disability – [DHCD] (1 year)

- (x) Postgraduate Diploma in Hand Therapy – DHT (1 year)
- (xi) Postgraduate Diploma in Dietetics – (1 year) – [Suspended until further notice]
- (xii) Postgraduate Diploma in Tropical Medicine and Health – [DTM&H] (1 year)
- (xiii) Postgraduate Diploma in Public Health – [DPH] (2 years)
- (xiv) Postgraduate Diploma in Health Systems Management – [DHSM] (2 years)
- (xv) Postgraduate Diploma in Occupational Medicine and Health – [DOMH] (2 years)
- (xvi) Postgraduate Diploma in Occupational Health – [DipOH] (2 years)
- (xvii) Postgraduate Diploma in Clinical Evidence and Healthcare – [DipCEHM] (2 years)
- (xviii) Postgraduate Diploma in Public Health Medicine – [DipPHM] (2 years)

Note: Students who take a module offered by another faculty, must familiarise themselves with the admission requirement and/or prerequisites for the module in question as well as subminimum in examinations, second examinations, etc.

General Regulations G.1 to G.15 apply to a bachelor's degree.

Note: The four Schools in the Faculty, each with the regulations of their different programmes, appear in alphabetical order in this publication:

School of Dentistry
 School of Healthcare Sciences
 School of Health Systems and Public Health
 School of Medicine

SCHOOL OF DENTISTRY

I. BACHELOR'S DEGREES

General Regulations G.1 to G.15 are applicable to bachelor's degrees

D.1 Bachelor of Dentistry [BChD] (Code 11130001)

N.B.

Selection of candidates takes place prior to admission.

Each student in Dentistry must apply to the Registrar of the Health Professions Council of South Africa for registration as a student in Dentistry, within two months after the commencement of the first year of study. Students, who have been granted exemption from the first or second year of study, must also comply with the registration requirements.

- (a) **Duration**
Five years of full-time study.
- (b) **Passing a block/special activity (BChD I and II)**
 - (i) A **block mark** is calculated from the continuous evaluation opportunities during the course of the presentation of the block or special activity in

- question. These evaluations shall include one or more of the following:
- (aa) Evaluations regarding theoretical knowledge.
 - (bb) Evaluations regarding clinical knowledge and skills.
 - (cc) Compulsory attendance at and active participation in prescribed activities.
 - (dd) A final comprehensive block test moderated by external examiners.
- (ii) Students may exercise the option to have the block mark **at the end of the year** validated as the **final block mark** for the block in question, (i.e. they are exempted from the block examination for this block), provided that they comply with the following requirements:
- (aa) The abovementioned block mark is more than 60%.
 - (bb) Proven attendance of all applicable block-specific activities, namely:
 - All tests/continuous evaluations;
 - All practicals and morning ward round activities;
 - All relevant skills laboratory activities;
 - All relevant community-based education activities;
 - All clinical rotations.
 - (cc) A pass mark in the clinical rotation test.
 - (dd) Attendance at the block in question from Day 1.
 - (ee) No conviction by the Faculty Preliminary Disciplinary Committee (Student offences), of any form of dishonesty or fraud.
- (iii) A **block examination** is granted to all registered students regardless of the block mark.
- (iv) The **final block mark** is calculated from the final examination mark and the block mark (continuous evaluation) in a 50:50 or 60:40 ratio, depending on the year of study and/or block-specific regulations. The formula according to which the final block mark is calculated, will be set out in the block book (study manual) and communicated to students at the commencement of the programme.
- (v) In order to pass a block/special activity, a **subminimum of 50%** is required for the **examination mark**, implying that a student who obtains a block mark of more than 50% and an examination mark of less than 50%, with a combined block mark of more than 50%, fails the block and will thus be admitted to a second examination.
- (vi) A **second examination in a block** will be granted to all students who have not passed a specific block.
- (vii) As a rule, the **second examination** in question will take place in November/December of the same year, or in January of the following year. A minimum of 50% is required in order to pass in the second examination.
- (viii) An **aegrotat** or **extraordinary examination** is granted to a student who could not participate in the block examination due to illness or other acceptable reasons. Students must apply formally for such an examination, and where applicable, the Dean and Chairperson of the School may first require a recommendation from the Faculty Health Committee before approving an application for admission to an aegrotat.
- All** modalities of a final examination must be completed jointly as an aegrotat or an extraordinary examination, even if part of it has already been completed as part of the examination taken in the previous examination period. The **final block mark** is calculated from the marks of all the divisions/modalities of the aegrotat or extraordinary examination and the block mark in question (continuous evaluation mark). The same criteria set for a final mark in a block, are applicable in this case.

- (c) **Repeating blocks and/or special activities (and thus the year of study)**
- (i) Students must pass all the blocks of a particular year of study in order to be admitted to the next year of study.
 - (ii) Students who repeat the first or second year of study are exempted from the blocks and/or special activities, which have been passed in the unsuccessful year. The examination moderating meeting, in conjunction with the Dean/Chairperson of the School of Dentistry, retains the right to only award a pass mark in the said blocks and/or special activities, if the student complies with the following requirements regarding those blocks and/or special activities:
 - That the mark awarded to the relevant block or special activity was not awarded on the grounds of condonement;
 - That the student's performance in the progress tests (general and discipline-specific) has been satisfactory during the course of the year;
 - That the student attended the relevant block or special activity regularly and furthermore complied with all other requirements.
- (d) **Examinations and pass requirements, subminima and continuous evaluation mark**
- (i) In accordance with the stipulations of General Regulation G.10 (2), no minimum year or semester mark is required for admission to the examination: Provided that the different year and semester modules in a School need not be handled in the same manner, although a great degree of uniformity is expedient. Any other requirements for admission to the examination are set out in the study manuals. A final mark of at least 50% is required to pass (see also Reg. D.1(b) (i)). The pass mark for essays is at least 50%. The stipulations of Gen. Reg. G.60.2.1.2 (a) regarding requirements for dissertations apply *mutatis mutandis* to essays.
 - (ii) **Subminimum**
A subminimum of 40% is required in the written section of an examination, with a subminimum of 50% in the clinical section of a module. At the beginning of the academic year, the head of department informs the students of the required subminimum in subsections of the modules offered by the department in question. This information is also published in the study manual.
 - (iii) **Continuous evaluation mark**
A student obtains marks for practical and clinical work, for tests and also for assignments completed during the course of an academic year.
 - (iv) A student who repeats a year of study and who must acquire certificates of satisfactory preparation in failed modules, must comply with all the requirements set by the head of department.
- (e) **Provisions regarding promotion modules**
- The stipulations of General Regulation G.10.1 concerning satisfactory preparation and progress also apply to modules where a promotion test is required. Supplementary examination marks and pass marks in promotion modules are awarded according to the stipulations of General Reg. G.12: Provided that:
- (i) Promotion is based on theoretical and/or practical and/or clinical evaluation throughout the year and a minimum of 50% is required to be promoted.
 - (ii) A student, who has obtained a year mark of less than 50% can be admitted by the examination moderating meeting to a supplementary promotion test in

- the relevant promotion module.
- (iii) Students repeating a year of study retain credit for examination modules passed, unless determined otherwise, but a certificate of satisfactory preparation and progress must be obtained in all the promotion modules.
 - (iv) In order to comply with the requirements for (iii) and to maintain a specified level of clinical skills, the extent of involvement of students in successfully completed promotion modules is determined by the relevant module chairperson, at the commencement of the year, and agreed with the student(s) concerned.
- (f) **Academic exclusion from further study**
- (i) A student following a BChD degree will only be allowed two opportunities to repeat a year of study.
 - (ii) A student who does not comply with the abovementioned requirement but nevertheless wishes to be admitted to the School, may request the Dean/Chairperson of the School in writing, to consider his or her application for readmission in accordance with the prescribed procedure.
 - (iii) If a student fails one or more first-year modules (and therefore is not admitted to the second year of study), such a student forfeits his or her selection and must apply again for selection with a view to admission to the first year of study.
 - (iv) A student, who has failed BChD II, forfeits his or her selection and must apply again for selection with a view to readmission to the second year of study.
- (g) **BChD programme: five-year curriculum**
 Total number of credits: 900
 (credits for fundamental content: 306, core content: 581, elective content: 130)

First year

Module	Module code	Credits
General physics 131	PHY 131	16
People and their environment 112	MGW 112	6
Molecular and cell biology 111	MLB 111	16
Medical terminology 180	MTL 180	12
Chemistry 151	CMY 151	16
Science and world views 155	FIL 155	6
Introduction to clinical pharmacotherapy 128	GNK 128	10
Orientation 120	GNK 120	5
Molecule to organism 121	BOK 121	40
People and their environment 127	GNK 127	10
Special study module 121	SMO 121	5
Longitudinal clinic attachment programme 180	LCP 180	-
Computer literacy 111	CIL 111	4
Academic literacy 110,120	EOT 110, 120	12
Total credits (excluding CIL and EOT modules):		136

Second year

Module	Module code	Credits
Homeostasis 280	BOK 280	42
Anatomy (Dissection) 288	GNK 288	37
People and their environment 283	BOK 283	31

Pathological conditions 285	BOK 285	22
Infectious diseases 287	BOK 287	23
Basic emergency care 286	GNK 286	5
Generic procedural skills 280	GPS 280	2
Introduction to clinical dentistry 200	IKT 200	10
Special study module 211	SMO 211	5
Special study module 281	SMO 281	5
Longitudinal clinic attachment programme	LCP 280	-
Total credits:		180

Third year

Module	Module code	Credits
Head and neck anatomy 388	GNK 388	12
Oral biology 370	MDB 370	11
Applied medicine 370	TGG 370	11
Applied physiology 370	FSG 370	12
Clinical pharmacotherapy 370	FAR 370	8
Generic procedural skills 370	GPS 370	5
Comprehensive patient management 370	TBW 370	10
Odontology 370	ODO 370	42
Periodontology 370	PDL 370	8
Orthodontics 370	ORD 370	6
Orofacial surgery 370	OFC 370	12
Prosthetics 370	PTK 370	41
Radiography 370	RAD 370	8
Total credits:		186

Fourth year

Module	Module code	Credits
Comprehensive patient management 470	TBW 470	12
Odontology 470	ODO 470	71
Maxillo-facial pathology 470	MFP 470	11
Periodontology 470	PDL 470	8
Orthodontics 470	ORD 470	21
Oro-facial surgery 470	OFC 470	41
Prosthetics 470	PTK 470	26
Community as patient 470	GAP 470	4
Applied human systems 470	TMZ 470	16
Total credits:		210

Fifth year

Module	Module code	Credits
Comprehensive patient management 570	TBW 570	14
Odontology 570	ODO 570	57
Maxillo-facial pathology 570	MFP 570	10
Periodontology 570	PDL 570	16
Orthodontics 570	ORD 570	22
Oro-facial surgery 570	OFC 570	42
Prosthetics 570	PTK 570	26
Community as patient 570	GAP 570	6
Total credits:		193

(h) **First year of study**

(i) **Curriculum**

First semester

Examination modules

CMY 151	Chemistry 151*
FIL 155	Science and world views 155
MGW 112	People and their environment 112
MLB 111	Molecular and cell biology 111*
PHY 131	General physics 131*
MTL 180	Medical terminology 180

*Refer to par. 1.2 of GENERAL ACADEMIC INFORMATION in this publication.

IMPORTANT:

- Apart from the examination modules mentioned above, the following compulsory **computer literacy module** must also be passed during the first semester of the first year of study: CIL 111.
- Consult also par 5 of GENERAL ACADEMIC INFORMATION in this publication.
- All new first-year students at the University must write an **academic literacy test**. On the grounds of the outcome of this test, students will either be exempted from the following **academic literacy modules**, or if they have failed the test mentioned above, will be required to pass in the relevant modules: EOT 110 and 120.
- The first semester of the year module PHY 181 is the same as PHY 131 mentioned above.

(ii) **Failed candidates/Admission to the second semester of BChD I**

- (aa) Selected first-year students, who have passed a sufficient number of prescribed first-semester modules at 100 level will, in accordance with the stipulations of General Regulation G.3, automatically be admitted to the second semester of the first year of study. During the second semester, the students will be admitted to an examination on an anti-semester basis in the first-semester module(s) still outstanding, if this can be accommodated in the timetable.
- (bb) In the School of Dentistry, a student may not repeat more semester modules than the equivalent of eight lectures per week on an anti-semester basis in the second semester.

Second semester

Blocks/Special activities

GNK 120	Orientation 120
BOK 121	Molecule to organism 121
GNK 127	People and their environment 127
GNK 128	Introduction to clinical pharmacotherapy 128
SMO 121	Special study module 121 (Linked to BOK 121)
LCP 180	Longitudinal clinic attachment programme 180

Note:

In the second semester of the first year of study, students will be exempted from the compulsory module (CIL 121) Information literacy 121 if they pass GNK 120 and 127.

Regarding the Longitudinal clinic attachment programme (L-CAS activities) of an academic year (module code LCP 180 above), students must hand in a portfolio at the end of the academic year which will be assessed.

Satisfactory attendance will furthermore be required regarding this module to pass the year.

(iii) **Block examinations and second examinations**

Consult Reg. D.1 (b).

(i) **Admission to the second year of study**

A student must pass all the modules of the first year of study for admission to the second year of study.

(j) **Second year of study**

(i) **Curriculum**

First semester

Blocks/Special activities

BOK 280	Homeostasis 280
GNK 288	Anatomy (Dissection) 288
BOK 283	People and their environment 283
GPS 280	Generic procedural skills 280
SMO 211	Special study module 211
LCP 280	Longitudinal clinic attachment programme 280

Second semester

Blocks/Special activities

BOK 285	Pathological conditions 285
BOK 287	Infectious diseases 287
GNK 286	Basic emergency care 286
IKT 200	Introduction to clinical dentistry 200
SMO 281	Special study module 281 (Linked to BOK 285 & 287)
LCP 280	Longitudinal clinic attachment programme 280

Note:

Regarding the Longitudinal Clinic Attachment Programme (L-CAS activities) of an academic year (module code LCP 280 above), students must hand in a portfolio at the end of the academic year which will be assessed. Satisfactory attendance will furthermore be required regarding this module to pass the year.

(ii) **Block examinations and second examinations**

As set out in Reg D.1 (b).

(iii) **Failed candidates**

A student, who has failed BChD II, will again be subjected to selection with a view to readmission to the second year of study. Also consult Reg. D.1 (c) concerning students who fail some blocks of a year (and therefore the year of study).

(k) **Admission to the third year of study**

A student must pass all the modules of the second year of study for admission to the third year of study.

(l) **Third year of study**

(i) **Curriculum**

Examination modules

GNK 388	Head and neck anatomy 388
MDB 370	Oral biology 370
TGG 370	Applied medicine 370
FSG 370	Applied physiology 370
FAR 370	Clinical pharmacotherapy 370

Attendance module

GPS 370	Generic procedural skills 370
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Promotion modules

TBW 370	Comprehensive patient management 370
ODO 370	Odontology 370
PDL 370	Periodontology 370
ORD 370	Orthodontics 370
OFC 370	Oro-facial surgery 370
PTK 370	Prosthetics 370
RAD 370	Radiography 370

(ii) **Supplementary examinations**

Concerning the examination modules: As set out in GENERAL ACADEMIC INFORMATION par. 11.

(iii) **Supplementary examinations in promotion modules**

Consult Reg. D.1(e).

(m) **Admission to the fourth year of study**

A student must pass all the modules of the third year of study for admission to the fourth year of study.

(n) **Fourth year of study**

(i) **Curriculum**

Examination module

TMZ 470	Applied human systems 470
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Promotion modules

ODO 470	Odontology 470
PDL 470	Periodontology 470
ORD 470	Orthodontics 470
OFC 470	Oro-facial surgery 470
PTK 470	Prosthetics 470
MFP 470	Maxillo-facial pathology 470
TBW 470	Comprehensive patient management 470
GAP 470	Community as patient 470

(ii) **Supplementary examinations**

A student who obtains between 40-49% in examination and promotion modules, is admitted to supplementary examinations. Should he or she fail this supplementary examination/promotion test, the fourth year has to be repeated. When a year of study has to be repeated, the student retains credit for the examination modules passed. Consult Reg. D.1 (e) regarding the certificate of satisfactory preparation and progress, which must be obtained in the year of repetition in all promotion modules already passed, as well as the extent of involvement of students regarding promotion modules already passed, in order to maintain a specific level of clinical skills.

(o) **Admission to fifth year of study**

A student must pass all the modules of the fourth year of study for admission to the fifth year of study.

(p) **Fifth year of study**

(i) **Curriculum**

Examination modules

ODO 570	Odontology 570
PDL 570	Periodontology 570
ORD 570	Orthodontics 570
OFC 570	Oro-facial surgery 570
PTK 570	Prosthetics 570
MFP 570	Maxillo-facial pathology 570
TBW 570	Comprehensive patient management 570
GAP 570	Community as patient 570

(ii) **Examinations**

(aa) Students may exercise the option to have the **year mark** for the module (TBW 570) Comprehensive patient management 570 validated as the **final mark** at the **end of the fifth year of study** (i.e. they are exempted from the examination in this module), if they comply with the following requirements:

- The abovementioned year mark is at least 60%.
- Proof of attendance at and participation in all applicable module-specific activities, namely:
 - All tests/continuous evaluations.
 - All visits to practices/clinics.

(bb) A student who has failed the final examination in any module, will be required to repeat that module. The period which must elapse before the student may again sit an examination, is determined by the dean, on the recommendation of the examination commission. A student who repeats a module, must obtain certificates of satisfactory preparation in all the other modules that he/she has passed.

(cc) A student who fails in the clinical section of a module, fails the examination in that module.

(q) **Pass with distinction**

The degree is conferred with distinction on a student who has obtained at least 65% in all the examination modules of the final year of study, with an average of at least 75% for all the modules.

**D.1A Bachelor of Oral Hygiene [BOH]
(Code 11130011)**

General Regulations G.1 to G.15 are applicable to bachelor's degrees.

(a) **Admission requirements**

A valid National Senior Certificate (NSC) certified for degree purposes with an achievement rating of 4 (50-59%) in four 20-credit subjects (NSC consists of four subjects from group A and three subjects from group B).

Admission Point Score (APS)

Total of 20 rating points.

Candidates are selected for admission to this programme and application must be made in the prescribed manner.

To be able to gain access to the Oral Hygiene degree programme, prospective students require the appropriate combinations of recognised NSC subjects as well as certain levels of achievement in the following minimum subjects:

Group A subjects:

- English (Home language level or First additional language level); Rating 4 (50-59%) and
- Another Language (at Home language level or First additional language level); Rating 4 (50-59%)
- Mathematics or Mathematical Literacy; Rating 4 (50-59%)
- Life Orientation (excluded when calculating the APS); Rating 5 (60-69%)

Group B subjects

- Life Sciences; Rating 4 (50-59%)
- Two other subjects from Group B; Rating 4 (50-59%)

(b) Nature and duration of programme

Three years of full-time study.

(c) Curriculum**(i) First year of study**

Module	Module code	Credits
Examination modules		
Academic competency in oral health 171	ACO 171	12
Anatomy 171	ANA 171	8
Pharmacology 171	FAR 171	5
Physiology 171	FLG 171	8
Microbiology and immunology 171	GMB 171	8
Oral biology 171	MDB 171	8
Promotion modules		
Odontology 171	ODO 171	12
Orthodontics 171	ORD 171	9
Periodontology 171	PDL 171	12
Comprehensive patient management 171	TBW 171	2
Preventive oral health 171	VKM 171	15
Computer and information literacy 111, 121	CIL 111, 121	8
Academic literacy 110, 120	EOT 110, 120	12
Attendance module		
First aid	NHS 171	5
Total credits:		124

(ii) Second year of study**Examination modules**

ODO 271 Odontology 271

OFC 271 Orofacial surgery 271

RAD 271 Radiography 271
 PDL 271 Periodontology 271
 ORD 271 Orthodontics 271

Promotion modules

GAP 271 Community as patient 271
 VKM 271 Preventive oral health 271
 TBW 271 Comprehensive patient management 271

(iii) **Third year of study**

Examination modules

RAD 371 Radiography 371
 GAP 371 Community as patient 371
 MFP 371 Maxillofacial pathology 371
 VKM 371 Preventive oral health 371
 PSB 371 Patients with special needs 371
 RCH 371 Research 371
 TBW 371 Comprehensive patient management 371
 COU 371 Counselling 371
 OFC 371 Orofacial surgery 371

Elective modules (one of the following):

ORD 372 Orthodontics 372
 PDL 372 Periodontology 372
 POH 371 Public oral health 371

(d) **Admission to the second year of study**

- (i) To be admitted to the second year of study, a student must pass in all the first-year modules.
- (ii) Students who are repeating the first year of study, retain credit for examination modules passed, unless otherwise stipulated, but have to obtain a certificate of satisfactory preparation and progress in all the promotion modules. In order to comply with the requirements mentioned above, and to maintain a specific level of clinical skills, the extent of involvement of students in promotion modules passed, will be contracted by the module chairperson with the student(s) concerned, at the commencement of the academic year.
- (iii) A pass mark of at least 70% is required in the attendance module. A pass mark of at least 70% is required in the promotion module VKM 171 Preventive oral health 171.

(e) **Admission to the third year of study**

- (i) To be admitted to the third year of study, a student must pass in all the second-year modules.
- (ii) Students who are repeating the second year of study, retain credit for examination modules passed, unless otherwise stipulated, but have to obtain a certificate of satisfactory preparation and progress in all the promotion modules. In order to comply with the requirements mentioned above, and to maintain a specific level of clinical skills, the extent of involvement of students in promotion modules passed, will be contracted by the module chairperson with the student(s) concerned, at the commencement of the academic year.
- (iii) A pass mark of at least 70% is required in the promotion module VKM 271 Preventive oral health 271.

- (f) **Examinations of the first, second and third year of study**
- (i) A subminimum of 50% in the examination is required in respect of the examination modules, with a final mark of at least 50% to pass.
 - (ii) A pass mark of at least 70% is required in Preventive oral health.
 - (iii) A student who fails one or more of the modules of the third year must repeat those modules in the ensuing semester, with an examination at the end of the semester.
The dean on the recommendation of the examination committee, will determine the time that must elapse before the student may again report for examination. Students, who are repeating the year of study, retain credit for modules passed, unless determined otherwise, but a certificate of satisfactory preparation and progress must be obtained in all modules passed.
 - (iv) In order to comply with the requirements in (iii) above, and to maintain a specific level of clinical skills, the extent of students' involvement in modules passed, will be contracted with the students concerned, by the module chairperson, at the beginning of the year.
 - (v) The requirement as stipulated in par.(f.)(i) above, will apply to students who, after repeating a semester, again fail some of the modules.
- (g) **Academic exclusion**
- (i) A student following the Oral Hygiene programme will only be allowed two opportunities to repeat a year of study.
 - (ii) A student who does not comply with the abovementioned requirements but nevertheless wishes to be admitted to the School, may request the Dean/Chairperson in writing to consider his or her application for readmission in accordance with the prescribed procedure.
 - (iii) A student who fails the first year of study must apply for readmission to the programme.
- (h) **Degree with distinction**
- The degree is conferred with distinction on a student who obtains an average of at least 75% in the examination modules of the third year of study, and at least 65% in all the examination modules of the final year of study.

II MASTER'S DEGREES

D.2 Master of Science Dentistry [MScDent]

Also consult General Regulations G.30 to G.44.

- (a) **Option 1: Main field of study: General**
(Field of study code 11252001):
- (i) **Admission requirements**
Subject to the stipulations of General Regulations G.9 and G.30, the BChD degree or an equivalent qualification is required, as well as the Postgraduate Diploma in Dentistry [PGDipDent]. The candidate may be exempted from the latter qualification at the discretion of the head of the department concerned and with the dean's approval.
Candidates in possession of an applicable bachelor honours degree or equivalent qualification may be admitted to study in certain specialised basic

dental sciences at the discretion of the head of department concerned and with the dean's approval.

(ii) **Duration**

At least four semesters of part-time study.

(iii) **Curriculum**

(aa) **Attendance course** NMG 800 Research methodology (including Statistics) 800

(bb) **An examination (ODO 800) and dissertation (ODO 890)**

- An examination on an approved programme of advanced study and tuition in an applicable area of Dentistry.
- A dissertation related to the major subject. In the final evaluation, the dissertation and the examination mentioned in (bb) will carry equal weight. A minimum pass mark of 50% is required for the dissertation, with a minimum of 50% as pass mark in the examination.

(b) **Option 2: Main field of study: Oral Surgery**

(Field of study code 11252004)

(i) **Admission requirements**

Subject to the stipulations of General Regulations G.9 and G.30, the BChD degree is required, as well as the Postgraduate Diploma in Dentistry [PGDipDent] with the main field of study Oral Surgery (Oral Surgery with a minimum pass mark of 65%).

(ii) **Duration**

A minimum of four semesters part-time study. Studies must be completed within six semesters and Part I and II of the study programme must extend over a maximum of four semesters.

(iii) **Curriculum**

Part I

Basic subjects (prerequisite for Part II):

CBA 800 Anatomy and principles of surgery 800

CBR 800 Maxillo-facial radiology and principles of surgery 800

ANA 870 Anatomy 870

FSG 806 Physiology 806

FAR 809 Pharmacology 809

(A minimum of two basic subjects is required. These basic subjects may be passed at the University of Pretoria or the Colleges of Medicine of South Africa.)

Attendance course:

NMG 800 Research methodology (including Statistics) 800

Part II

KGM 891 Clinical training 891

Maxillo-facial and oral surgery: 240 hours of clinical or theme-related practical training.

Students who hold the Postgraduate Diploma in Dentistry [PGDipDent] with Oral Surgery as the main field of study, may apply in writing for credit for the basic subject, clinical training and the written examination, provided that a minimum of 60% has been obtained in the basic subject.

Part III

MCH 800 Oral surgery 800

Part III comprises (i) an examination in Maxillo-facial and oral surgery; (ii) five papers on a specific topic in Maxillo-facial and oral surgery; and (iii) an essay related to the topic mentioned in (ii) above.

(c) **Option 3: Main field of study: Maxillo-facial and Oral Radiology**

(Field of study code: 11252005)

(i) **Admission requirements**

Subject to the stipulations of General Regulations G.9 and G.30, the BChD degree is required, as well as the Postgraduate Diploma in Dentistry [PGDipDent] in the main fields of study (RON) Röntgenology 700 or (CBR) Radiological and surgical principles 700.

(ii) **Duration**

As for Option 1.

(iii) **Curriculum**

Attendance course:

NMG 800 Research methodology (including Statistics) 800

Basic subject:

MPG 806 Oral pathology 806

Major subject:

RON 801 Röntgenology 801

A dissertation (RON 890) related to the major subject.

(d) **Examination and supplementary examination**

The stipulations of the General Regulations apply to all the abovementioned options.

(e) **Degree with distinction**

Regarding Option 1: A student must obtain a minimum of 75% in both the examination and the dissertation.

Regarding Option 2: A student must obtain a minimum of 65% in Parts I and II, and a minimum of 75% in each of the subdivisions of Part III of the study programme.

Regarding Option 3: A student must obtain a minimum of 65% in the basic subject and at least 75% in the major subject of the study programme.

D.3 Master of Dentistry [MChD]

Also consult General Regulations G.30 to G.44.

(a) The MChD degree is conferred in the following fields of study:

Maxillo-facial and Oral Surgery

Orthodontics

Oral Pathology

Periodontics and Oral Medicine

Prosthodontics

Community Dentistry

(b) **Admission requirements**

(i) Each candidate for admission to the study for the MChD degree programme must:

(aa) either hold the BChD degree of the University of Pretoria or an

- equivalent qualification, or be admitted to master's degree studies in terms of the stipulations of General Regulations G.1.3 and G.62;
- (bb) be registered as a dentist with the Health Professions Council of South Africa.
- (ii) For the MChD degree (endorsement Maxillo-facial Surgery – Medical or Dental (Codes 11250091 and 11250011), a candidate
- (aa) is required, subject to the stipulations of General Reg. G.1.3 and G.62, to have obtained the BChD and/or MBChB degree or equivalent qualification at least one year previously, passed the Advanced Trauma Life Support Course (maximum three attempts), as well as the basic subjects Anatomy 870, Physiology 806 and Pharmacology 809 and preferably the PGDipDent (Oral Surgery), with a minimum pass mark of 65% in the major subject.
- (bb) is required to be registered as a dentist and/or physician with the Health Professions Council of South Africa.
- (c) **Duration**
- In order to qualify for the degree, a candidate must, for a period of four to eight years, depending on the specific requirements for a particular field of study, have held a full-time training position/registrarship successfully, at a training institution approved by the University. In the case of Maxillo-facial and Oral Surgery, a candidate must hold a full-time registrarship for a minimum of four years (for a candidate with both a BChD degree and a MBChB degree), a minimum of seven years (for a candidate with a BChD degree), a minimum of six years (for a candidate with a MBChB degree), or a minimum of five years (for MChD (ChirMaxFac-Dent)).
- (d) **CURRICULA**

(1) Maxillo-facial and Oral Surgery

(1.1) Maxillo-facial and Oral Surgery (endorsement ChirMaxFac-Med)

Total number of credits: 1 680

- (aa) **For students who hold both the BChD and the MBChB degrees (Code 11250091)**

Duration: Four years of full-time study.

First year of study

Major subject:	KGM 802	Maxillo-facial and oral surgery 802
Basic subjects:	(Prerequisites for first year of study include Anatomy, Physiology and Pharmacology.)	
Attendance course:	NMG 800	Research methodology 800
Subsidiary subjects:	MPG 801	Applied oral pathology 801
	BVC 806	Principles of surgery 806

Second year of study

Major subject:	KGM 802	Maxillo-facial and oral surgery 802
Examination subject:	BVC 806	Principles of surgery 806

Third year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

Fourth year of study

Examination subject: KGM 802 Maxillo-facial and oral surgery 802

(bb) **For students who hold the MBChB degree (Code 11250092)**

Duration: A minimum of six years of full-time study

First year of study

As in (aa) above, except for MPG 801 Applied oral pathology.

Second year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

The student must also register for the BChD degree and apply for registration as a student in Dentistry with the Health Professions Council of South Africa.

BChD III (Code 11130001)

As for BChD III with exemption from certain medical subjects.

Examination subject: BVC 806 Principles of surgery 806

Third year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

BChD IV (Code 11130001)

As for BChD IV.

Fourth year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

BChD V (Code 11130001)

As for BChD V.

Fifth year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

Subsidiary subject: MPG 801 Applied oral pathology 801

Sixth year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

Seventh year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

(cc) **For students who hold the BChD degree (Code 11250093)**

This option is only open to candidates who have obtained the BChD degree at the University of Pretoria since October 2001.

Duration: A minimum of seven years of full-time study.

First year of study

As in (aa) above, except for BVC 806 Principles of surgery.

Second year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802
The student must also register for the MBChB degree and must apply for registration as a student in Medicine with the Health Professions Council of South Africa.

MBChB III (Code 10130001)

As for MBChB III.

Third year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

MBChB IV (Code 10130001)

As for MBChB IV.

Fourth year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

MBChB V (Code 10130001)

As for MBChB V.

Fifth year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

MBChB VI (Code 10130001)

As for MBChB VI.

Sixth year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802
Subsidiary subject: BVC 806 Principles of surgery 806

Seventh year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

Eighth year of study

Major subject: KGM 802 Maxillo-facial and oral surgery 802

Ninth year of study (first semester):

Examination subject: KGM 802 Maxillo-facial and oral surgery 802

**(1.2) Maxillo-facial and Oral Surgery (endorsement ChirMaxFac-Dent)
(Code 11250011)**

Total number of credits: 1 680

Duration: Five years of full-time study.

First year of study

As in 1.1 (aa) above.

Second year of study

Major subject:	KGM 802	Maxillo-facial and oral surgery 802
Examination subject:	BVC 807	Principles of surgery 807

Third and fourth year of study

Major subject:	KGM 802	Maxillo-facial and oral surgery 802
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Fifth year of study (Research)

Examination subject:	KGM 802	Maxillo-facial and oral surgery 802
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(2) Orthodontics (Code 11250021)

Total number of credits: 1 248

Major subject:	ORD 803	Orthodontics 803
Basic subjects:	ANA 871	Anatomy 871
	FSG 806	Physiology 806
Subsidiary subjects:	MPG 801	Oral pathology 801
Attendance courses:	RON 800	Röntgenology 800
	KGM 800	Maxillo-facial and oral surgery 800
	PRD 801	Prosthodontics 801
	SKT 800	Speech therapy 800
	MGN 802	Human genetics 802
	NMG 800	Research methodology 800
	PMG 801	Periodontics and oral medicine 801
	PDD 801	Pedodontics 801

Duration: Four years of full-time study.

(3) Oral Pathology (Code 11250031)

Total number of credits: 1 344

Major subject:	MPG 802	Oral pathology 802
Basic subjects:	ANP 808	Anatomical pathology 808
	MPX 800	Molecular pathology 800
Attendance courses:	NMG 800	Research methodology 800

Duration: Four years of full-time study.

(4) Periodontics and Oral Medicine (Code 11250041)

Total number of credits: 1 369

Major subject:	PMG 802	Periodontics and oral medicine 802
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Basic subjects:	ANA 873	Anatomy 873
	FSG 806	Physiology 806
	APA 808	General pathology 808
	MDB 800	Oral biology 800
Subsidiary subjects:	MPG 803	Oral pathology 803
	FAR 870	Pharmacology 870
Attendance courses:	ORD 800	Orthodontics 800
	NMG 800	Research methodology 800
	PRD 802	Prosthodontics 802

Duration: Four years of full-time study.

(5) Prosthodontics (Code 11250081)

Total number of credits: 1 344

Major subject:	PRD 803	Prosthodontics 803
Basic subjects:	ANA 874	Anatomy 874
	FSG 806	Physiology 806
	MDB 800	Oral biology 800
Subsidiary subjects:	MPG 804	Oral pathology 804
	PMG 803	Periodontics and oral medicine 803
Attendance courses:	KGM 803	Maxillo-facial and oral surgery 803
	ORD 800	Orthodontics 800
	RAD 870	Radiology 870
	KMP 871	Communication pathology 871
	NMG 800	Research methodology 800

Duration: Four years of full-time study.

(6) Community Dentistry (Code 11250071)

Total number of credits: 1 056

Major subject:	GTH 800	Community dentistry 800
Basic subjects:	TMP 801	Applied oral pathology 801
	HME 870	Introduction to health measurement 870
	BOS 870	Biostatistics 870

Additionally, the Diploma in Health Systems Management must be attended and passed on a capita selecta basis, or any other management course as determined by the head of department and approved by the dean.

Practical training

Practical training is provided at recognised institutions

Duration: Four years of full-time study.

(e) Examinations (also consult General Reg. G.40)

(i) Examinations in the basic and subsidiary subjects (with the exception of KGM 803):

- (aa) A student must pass these subjects prior to admission to the examination in the major subject. A minimum of at least 50% is

- required to pass.
 - (bb) Examinations in the basic and subsidiary subjects must be passed before the end of the third year of study, or at a time as determined by the head of department.
- (ii) **Examinations in the major subject**
Admission to the examination in the major subject is determined by the head of department.
- (iii) If a student fails one or more of the basic subjects, subsidiary subjects or the major subject, the head of department may recommend to the examination commission, that he or she be admitted to a supplementary examination. Supplementary examinations may only take place after a minimum period of six months has elapsed since the examination in which the student failed.
N.B.:
 - (aa) In view of the fact that a postgraduate student may repeat an examination in any subject only once, a student who fails a supplementary examination will have to discontinue the programme. In this event, a student who has been holding a registrarship, will have to vacate the position as soon as possible after one calendar month's notice to the University of Pretoria and/or other recognised training institution, where applicable.
 - (bb) If a student is admitted to a supplementary examination in the major subject, the head of department will determine whether he/she has to vacate the registrarship at the end of the training period, or immediately after the supplementary examination.
- (iv) **Subminimum**
In order to pass in the major subject a student must obtain a subminimum of 50% in all the sections of the examination, with a final mark of at least 50%.
- (v) The stipulations of General Regulation G.10.4 are applicable with regard to attendance courses.
Please note: The attendance courses in Prosthodontics consist of two parts, i.e. Prosthetics and Restorative dentistry.
- (vi) In addition to the stipulations already mentioned, a dissertation on a topic related to the major subject must also be submitted. In order to pass in the final examination, a pass mark must also be obtained for the dissertation.
- (vii) An MChD student, who has obtained at least 75% with the first attempt in both his major subject and the dissertation, will receive the degree with distinction.

1. **MChD degree (endorsement ChirMaxFac-Med and ChirMaxFac-Dent)**

- (i) **Examinations in the basic subjects**
A student must pass all the basic subjects (Anatomy [with Embryology], Physiology [University of Pretoria or Colleges of Medicine of South Africa] and Pharmacology [University of Pretoria]) before he or she may be admitted to the first year of study. A minimum pass mark of at least 50% is required in all examinations.
- (ii) **Examinations in the subsidiary (intermediary) subjects**
(The minimum pass mark is 50%.)
 - (aa) For the endorsement Maxillo-Facial Surgery-Medicus, a student has to pass in Principles of surgery in the year of study as indicated,

before he or she may continue with the programme.

- (bb) A student has to pass in Applied oral pathology at least two and a half years prior to the examination in his or her major subject.

These subsidiary subjects may be passed at the University of Pretoria or the Colleges of Medicine of South Africa.

- (iii) If a student fails any of the subsidiary subjects Principles of surgery or Applied oral pathology, the head of department may recommend that he or she be admitted to a supplementary examination (re-examination).

(iv) **Examination and evaluation in the major subject**

- (aa) If a student fails his or her major subject, the Dean may, on the recommendation of the head of department, approve that he or she be admitted to a supplementary examination, but only after six months have elapsed since the original examination, in which he or she failed. No permission will be granted by the head of department for admission to the final examination of the Colleges of Medicine of South Africa if all the requirements for the major subject for the MChD have not yet been fulfilled.

- (bb) In the light of the fact that a postgraduate student may repeat an examination in any subject only once, a student who fails a supplementary examination, will have to discontinue the programme.

- (cc) If a student has been admitted to a supplementary examination in the major subject, the head of department will determine whether he or she should vacate the registrarship at the end of the training period. The student has to vacate the registrarship immediately after the first supplementary examination has been completed.

- (dd) **Subminimum:** A student must obtain a subminimum of 60% in the clinical section (operation and short cases) of the examination, with a subminimum of 50% in all the other sections for the master's degree. He or she must also comply with the requirements regarding the number of operation procedures performed in each section, as required by the head of department. A final mark of at least 50% is required in order to pass in a subject.

- (ee) In addition to the stipulations already mentioned, the student must submit and pass an essay (endorsement Maxillo-facial Surgery-Med) or a dissertation (endorsement Maxillo-facial Surgery-Dent), on an approved topic related to the major subject. A complete record of operations (as a log-book) must also be submitted.

- (ff) **Pass with distinction:** A student who obtains at least 60% in the basic and the subsidiary subjects, and a final mark of at least 75% (with the first attempt) in the major subject, including the final examination of the Colleges of Medicine of South Africa when applicable, qualifies to obtain the degree with distinction.

- (v) The master's degree can only be conferred after the National Equivalence Examination has been passed (as this master's degree and the Fellowship may be used as an interwoven final equivalence examination), or by passing the prescribed written and oral examinations of the MChD(ChirMaxFac-Med or Dent).

(f) **Exemption**

Exemption by virtue of comparable training and/or experience in terms of the requirements of Reg. D.3(c) and (d), may be granted by the Dean, on the recommendation of the Head of Department, with the proviso that exemption from

the examination and evaluation in the major subject may not be granted.

Please note: The regulations of the Health Professions Council of South Africa, as published in the Government Gazette No. 4631 of 11 January 1991 – Notice No. R.40 (as amended), will be used as a criterion in determining the period of exemption.

III DOCTORATES

D.4 Doctor of Philosophy [PhD] (11261001)

Consult General Regulations G.45 to G.55.

(a) **Admission requirement**

Subject to the stipulations of General Regulations G.1.3 and G.62, a candidate will only be admitted to doctoral study, if he or she holds a master's degree. If Maxillo-Facial and Oral Surgery is chosen as main field of study, a minimum pass mark of 65% in either MScDent, or MChD (Maxillo-facial and Oral Surgery), or an equivalent qualification will be required.

(b) **Curriculum**

Total number of credits: 270

The degree PhD is conferred by virtue of a thesis, with the proviso that the Faculty Board, on the recommendation of the examination panel, may require an oral examination which deals with the topic of the thesis.

D.5 Doctor of Science [DSc] (Code 10262000)

The DSc degree is conferred on the basis of publications (consult Gen Regulation G.56).

- (i) The collective publications submitted must deal with a central theme.
- (ii) The candidate must already hold a PhD degree or an equivalent qualification.

IV DIPLOMAS

D.6 University Diploma in Oral Hygiene [UnivDipOH] (Code 11120012)

Note: This programme is being phased out. The first year of study was presented for the last time in 2010.

For students who are registered for the second year of study in 2011, the relevant regulations as it appear in the 2010 Yearbook will be applicable.

D.7 Postgraduate Diploma in Dentistry [PGDipDent]

(a) **Admission requirements**

Subject to the stipulations of General Regulations G.1.3 and G.62, the BChD

degree or an equivalent qualification is required.

For the main field of study Oral Surgery, a candidate must be in possession of the BChD degree or an equivalent qualification with at least 65% in the final examination in Oro-facial surgery or a subject deemed equivalent by the head of department.

(b) **Duration**

At least two semesters with 120 contact hours. The contact time in the major field of study is determined by the head of the department concerned and approved by the dean. It includes systematic tuition as well as clinical/practical assignments.

(c) **Curriculum**

(i) **Main field of study – one of the following:**

Code

MPG 700	Oral Pathology 700	11220003
END 700	Endodontics 700	11220004
ORD 700	Orthodontics 700	11220005
FOT 700	Forensic Odontology 700	11220006
PDD 700	Pedodontics 700	11220007
MCH 700	Oral Surgery 700	11220008
PDL 700	Periodontology 700	11220009
HTH 700	Restorative Dentistry 700	11220010
PTK 700	Prosthetics 700	11220012
MGK 700	Oral Medicine 700	11220013
MMB 700	Oral Microbiology 700	11220015
VTH 700	Preventive Dentistry 700	11220016
GTH 700	Community Dentistry 700	11220017
PRS 700	Practice Management 700	11220018
CBR 700	Radiological and Surgical Principles 700	11220019
THM 700	Dental Materials 700	11220021
ADX 700	Aesthetic Dentistry 700	11220022
PDI 700	Implantology 700	11220023
PRD 701	Prosthodontics 701	11220024

another module as determined by the head of the department concerned and approved by the Dean.

(ii) **Basic subject**

MDB 710	Applied oral biology 710
CBA 710	Anatomy and principles of surgery 710
ANA 770	Anatomy 770
FSG 706	Physiology 706
FAR 709	Pharmacology 709
THM 710	Dental materials 710
RAD 710	Introductory radiology 710
RIM 710	Introductory radiological imaging 710

Oral Surgery: a prerequisite (a minimum of one basic subject is required – these basic subjects may be passed at the University of Pretoria or at the Colleges of Medicine of South Africa) or any other module as determined by the department in question and approved by the Dean.

(d) **Examinations**

The examination in the basic subject is held in May/June, and in the main field of

study in October/November, except for the main field of study (MCH 700) Oral surgery 700, in which the examination in the basic subject and the main subject may take place every semester. However, only one subject may be written per semester. To be admitted to the examination, a year mark of at least 50% is required. A subminimum of 50% is required in the examination in respect of all subjects, with a final mark of at least 50% to pass.

(e) **Pass with distinction**

The diploma is awarded with distinction to students who obtain at least 75% in both the main field of study and the basic subject.

**D.8 Advanced University Diploma in Oral Hygiene [AdvUnivDipOH]
(Code 11120013)**

(a) **Admission requirements**

Candidates must be in possession of a Diploma in Oral Hygiene or in Dental Therapy or an equivalent qualification, and must be registered with the Health Professions Council of South Africa as an oral hygienist or a dental therapist.

(b) **Duration**

At least two semesters. The programme is only offered part-time, with contact time as determined by the head(s) of department concerned.

(c) **Curriculum**

The programme is integrated with and planned around one or more of the dental disciplines or any other topic as agreed on in consultation with the head(s) of department concerned and approved by the Dean.

(i) **Basic subject**

The basic subject is determined by the head of department and approved by the Dean.

(ii) **Major field of study – one of the following:**

GTH 702	Community dentistry 702
PRN 701	Periodontics 701
ORD 701	Orthodontics 701
KGM 701	Maxillo-facial and oral surgery 701
PRD 701	Prosthodontics 701
MPG 702	Oral pathology 702

or

any other module as determined by the head of department and approved by the Dean.

(d) **Examinations**

- (i) A year mark of at least 50% is required to be admitted to the examination. A subminimum of 50% is required in the examination in all modules, with a final mark of at least 50% to pass. A student who fails one or more module, must repeat such modules and the examinations in the ensuing semester. In modules that were passed, only practical and clinical work will be required.
- (ii) The requirements as set out in par. (d)(i) apply to a student who, after repeating a semester, again fails some of the modules.

(e) **Diploma with distinction**

The diploma is awarded with distinction to a student who obtains an average of at least 75% in both the main field of study and the basic subject.

SCHOOL OF HEALTHCARE SCIENCES

1. Pass requirements

In accordance with the stipulations of General Regulation G.10(2), no minimum year or semester mark is needed for admission to the examination, and all registered students are admitted to the examination automatically.

The **final mark** for a specific module in Nursing Science, Physiotherapy, Radiography, Occupational Therapy and Human Nutrition (at least 50% is required to pass) is calculated from the examination mark **as well as** the mark compiled from the evaluation of a student during continuous, objective and controlled assessment opportunities during the course of the quarter/semester/year. At least one formal assessment per module is set as the minimum norm, and students will be exposed on a continuous and regular basis to self-directed assignments in order to promote reflective learning.

In the case of **modules with practical components**, students are required to also comply with the applicable attendance requirements with regard to acquiring practical skills before a pass mark can be obtained for the module.

There are **two main examination opportunities** per annum, the **first** and **second examination**. In respect of first-semester modules, the first examination opportunity is in May/June and the second examination opportunity in October/November. In respect of second-semester modules, the first examination opportunity is in October/November and the second examination opportunity in January of the subsequent year.

Only two examination opportunities per module are allowed. If a student fails a module at the second examination opportunity, the module must be repeated.

A second examination opportunity in a module is granted to students in the following cases:

- If a student obtains a final mark of less than 50% in the relevant module at the first examination opportunity and thus fails.
- If a student does not obtain the subminimum in the examination, as required for a specific module.
- If a student does not sit the examination in a module at the first examination opportunity due to illness or extraordinary circumstances.

Students intending to sit the second examination due to the reasons mentioned above, must register for the second examination opportunity within two weeks after the commencement of lectures in the next semester.

If a student fails a module at the first examination opportunity, the examination mark obtained in the relevant module at the second examination opportunity will be calculated as the final mark. The marks obtained with continuous evaluation

during the course of the quarter/semester/year will not be taken into calculation. If the student passes the module at the second examination opportunity, a maximum of 50% is awarded as a pass mark to the module in question.

If a student could not sit the examination in a module at the first examination opportunity due to illness or extraordinary circumstances, the continuous evaluation mark, together with the examination mark obtained in the module in question at the second examination opportunity, will be calculated as the final mark obtained in the module.

The School of Healthcare Sciences applies Gen.Reg. G.12.6.1, according to which a student requiring a limited number of modules to complete his or her degree, may in terms of faculty regulations, be admitted to a special examination in the modules in question.

2. **Promotion to a subsequent year of study**

A student must pass in all the prescribed core modules of a specific year of study to be promoted to a subsequent year of study. A student can only be promoted to a subsequent year of study if the student has not failed more than two fundamental modules of seven weeks each per semester or one module of 14 weeks per semester.

Refer to the Yearbook for fundamental modules in each discipline.

A pass mark refers to a final mark of at least 50%.

Modules with practical and clinical training credits cannot be passed unless all the prescribed clinical hours and practical activities have been completed to the satisfaction of the head of department.

The Chairperson of the examination moderating meeting may, after assessing the student's total profile, grant special approval to be promoted to the next year of study.

The exception is the Department of Human Nutrition, where the regulations as applicable in the Faculty of Natural and Agricultural Sciences regarding the modules presented by that Faculty, are relevant.

Modules can only be taken in advance or repeated if it can be accommodated in the existing examination timetable.

A student who must repeat a year of study may, with the approval of the Chairperson of the examination moderating meeting and the head of department concerned, be allowed to take fundamental modules of the subsequent year, if he/she complies with all the prerequisites for the relevant modules. No adjustment to existing timetables will be allowed. The following fundamental modules are relevant:

- **Department of Nursing Science:** GSO 180, 181, 182;
SLK 110, 120;
SOH 254;
FSG 251,252
- **Department of Physiotherapy:** GSO 180, 181, 182;
SOH 254
FSG 251, 252, 261, 262

- **Department of Occupational Therapy:** ZUL 110; SEP 110; SLK 210, 220, FSG 251, 252, 261, 262; ANP 210; RPD 481
- **Department of Human Nutrition:** FLG 211, 212, 221, 222; BCM 253, 254, 255, 256, BCM 263, 264, 265, 266, FAR 381, 382, VDS 322 VDB 321
- **Department of Radiography:** FSG 251, 252, 262; GNK 286; ANP 210.

A non-negotiable prerequisite for admission to the final year of study is pass marks in all the core and fundamental modules of the preceding years of study.

3. **Examination and pass requirements common to the Anatomy and Physiology modules for BCur, BPhysT, BRad, BOccTher and BDietetics**

3.1 **Passing modules in Anatomy and Physiology**

- (i) A **module mark** is calculated from the continuous evaluation opportunities during the course of the presentation of the relevant module. These evaluations will include one or more of the following:
 - (aa) Evaluations in connection with theoretical knowledge.
 - (bb) Evaluations in connection with practical knowledge and skills.
 - (cc) Compulsory attendance at and active participation in prescribed activities.
 - (dd) A final comprehensive module test.
- (ii) Students may exercise the option that the module mark at the **end of the semester** be ratified as the **final module mark** for the relevant module (i.e. they are exempted from the module examination for this module), if they comply with the following requirements:
 - (aa) The abovementioned module mark is more than 65%.
 - (bb) Proven attendance of all applicable module-specific activities, namely:
 - All tests/continuous evaluations.
 - All practical work and skills development sessions.
 - (cc) Attendance of the relevant module from Day 1.
 - (dd) No convictions by the School's Preliminary Disciplinary Committee (Student Transgressions) of any form of transgression.
- (iii) A **module examination** is granted to all registered students (even if the module mark is more than 65%).
- (iv) The **final module mark** is calculated from the examination mark and the module mark (continuous evaluation) in the ratio 50:50.
- (v) A **second module examination** is granted to all students who have obtained a final module mark of 40% to 49%. Students who have obtained a module mark of less than 40%, fail the module and will have to repeat the year of study.
- (vi) The relevant **second examination** will take place in November/December of the current year or in January of the subsequent year. A minimum of 50% is required to pass in the second examination.
- (vii) **Aegrotats or extraordinary examinations**, for students who could not sit the module examination due to health or other acceptable reasons, will take

place during the second examination period. Students must apply formally for these examinations, and will be admitted by the Chairperson of the School or his/her authorised person. Where applicable, the Chairperson of the School may first require the recommendation of the Faculty Health Committee before admission to an aegrotat.

All modalities of a final examination must be written jointly as an aegrotat or extraordinary examination, even if part of the relevant examination had already been written during the previous examination period.

The **final module mark** is calculated from the marks of all the sections/modalities of the aegrotat or extraordinary examination and the continuous evaluation mark. The same criteria as set for a pass mark in a module are applicable here. Students who could not sit the module examination in the examination period due to acceptable reasons, and who are consequently writing the module examination in the second examination period, forfeit the opportunity to be admitted to a further second examination.

4. **Exemption from the examination in (FAR) Pharmacology 381, 382**
Exemption from the examination can be granted if a student who obtained a module mark of at least 60%, exercises the option to accept it as the final mark.
5. **Exemption from the examination in (ANP) Anatomical Pathology 210**
Exemption from the examination may be granted if a student who obtained a module mark of at least 60%, exercises the option to accept it as the final mark.
6. **Academic exclusion from further study**
 - (a) In accordance with the stipulations of General Regulation G.3.2(b), a student must complete the degree programme for which he or she is registered within the prescribed minimum period of study plus two years.
 - (b) Subject to the stipulations mentioned in (a) above, a student in the School of Health Sciences, who fails a year of study for the second time, will only be allowed one opportunity to repeat a year of study, and will have to submit a written application for readmission to the programme in accordance with the prescribed procedure.

UNDERGRADUATE AND POSTGRADUATE DEGREES IN THE SCHOOL OF HEALTHCARE SCIENCES

I. DEGREES IN NURSING SCIENCE

H.1 Bachelor of Nursing Science [BCur] (Code 10131011)

Note: Also consult the General Regulations.

- (a) **General information**
 - (i) The Bachelor of Nursing Science [BCur] degree is a four-year, professional, career-oriented whole qualification that allows graduates to register with the South African Nursing Council (SANC) as:
 - Nurse (General, Psychiatric and Community); and
 - Midwife/Accoucheur

- (ii) Successful completion of the degree programme will present graduates with the opportunity to further their studies in Nursing Science at postgraduate level.
- (iii) Candidates who comply with the necessary admission requirements will follow the prescribed curriculum, as set out in paragraph (e) below.
- (iv) The compulsory **practical and clinical hours of training** amount to a grand total of at least 3 250 hours over a four-year period.

(b) **Admission requirements**

- (i) A special selection procedure applies. A limited number of places are available annually. Application forms must be submitted before 30 June to be considered for the selection for the subsequent academic year.
- (ii) The admission requirements are:
 - (aa) National Senior Certificate with admission for degree purposes.
 - (bb) English, additional language and four other subjects passed with a rating code of 4 (50-59%).
 - (cc) Life Orientation passed with a rating code of 4 (50-59%) – excluded from APS calculation.
 - (dd) The following subjects are **recommended**: Life Sciences, Mathematics and Physical Science.
 - (ee) An APS of at least 25 at the end of grade 11 and at least 22 at the end of Grade 12.
 - (ff) Proof of registration as a student nurse with the South African Nursing Council (SANC).

(c) **Practical and clinical training**

- (i) The curriculum includes compulsory practical and clinical training modules, comprising a percentage of the total credits required for the successful completion of the programme.
- (ii) Students will be registered as student nurses at an approved teaching hospital (or hospitals) for the duration of their studies.
- (iii) Students will be required to visit clinics outside of the hospital as well as institutions where health services are provided.
- (iv) Clinical training will take place for the duration of studies at the facilities mentioned above.
- (v) Students will be required to sign a contract of service with the approved teaching hospital (or hospitals) in question – information will be made available after successful application for admission.

(d) **Duration**

- (i) The programme extends over a period of four years of full-time study in preparation of registration with the South African Nursing Council (SANC) as a Nurse (General, Psychiatric and Community) and Midwife/Accoucheur.
- (ii) Due to the compulsory practical and clinical training component as well as professional development, the curriculum cannot be completed in less than four years.
- (iii) The training institutions in question will grant vacation and sick leave according to the applicable requirements of the South African Nursing Council (SANC).

(e) Curriculum

- (i) A grand total of **919** credits for the coursework is required for degree purposes.
- (ii) Credit values of the different modules of the subjects of the first, second, third and fourth years of study appear in brackets after the module codes in the table below:

Curriculum	Year 1	Year 2	Year 3	Year 4
Modules	Module code	Module code	Module code	Module code
Fundamental modules				
Anatomy	ANA 151, 152, 161, 162 (24)			
Medical terminology	MTL 180 (4)			
Philosophy	FIL 110 (12) *May be done during the 3rd year of study			
Academic literacy	EOT 110, 120 (12)			
Computer literacy	CIL 111 (4)			
Information literacy				
African language: Sepedi/isiZulu	CIL 121 (4) SEP 110 or ZUL 110 (6)			
Microbiology		GMB 252, 253, 254 (18)		
Pharmacology			FAR 381(20), 382 (15)	
Physiology	FSG 161, 162 (12)	FSG 251, 252 (12)		
Psychology		SLK 110, 120 (24)		
Community development		GSO 180, 181 182, (18)		
Systems of healthcare		SOH 254 (10)		
Core modules				
Nursing studies	NUR 151, 152, 153, 154 (48)	NUR 251, 252, 253, 254, 255 (58)	NUR 351, 352, 353, 354 (72)	NUR 451, 452 (36)
Dynamics of nursing practice	DNP 151, 152, 153, 154 (52)	DNP 251, 252, 253, 254 (36)	DNP 351, 352, 353, 354 (60) *DNP 354 to be completed prior to *DNP 353	DNP 451, 452 (20)

Nursing practice education Research in healthcare sciences	NPE 161, 162 (48)	NPE 261, 262 (48)	NPE 361, 362 (60)	NPE 461, 462 (100) RHC 480 (16)
Elective module Nursing studies				NUR 456 (40)

- (f) **Exemption from the examination in (FAR) Pharmacology 381, 382**
Consult the stipulations under the School of Healthcare Sciences in this publication.
- (g) **Promotion to a subsequent year of study:**
- (i) Consult the general requirements for promotion to a subsequent year of study of the School of Healthcare Sciences in this publication.
 - (ii) Consult also the general pass requirements of the School of Healthcare Sciences for the calculation of the final mark in a module, the continuous assessment mark, etc. in this publication.
 - (iii) Concerning a pass in modules with practical and/or clinical training credits, the general requirements of the School of Healthcare Sciences must be consulted in this regard.
 - (iv) Students who fail to comply with all the requirements for a specific year of study, and who have not obtained the required number of credits, will not be allowed to register for any modules of the subsequent year of study, with the exception of certain fundamental modules, which may be taken in advance – consult the School's policy in this regard.
 - (v) Students in the abovementioned category must repeat the outstanding module(s) in question to acquire all the required credits for the relevant year of study and to be promoted to the following year of study.
 - (vi) Students who have to repeat specific modules, must also acquire a certificate of satisfactory attendance and progress in Nursing Practice Education (both modules of the year in question) in the year of repetition, even if the modules in question have already been passed in the unsuccessful year.
 - (vii) Examinations are compulsory in respect of all the modules presented by the Department of Nursing Science, as it is not possible to be promoted in any of these modules.
 - (viii) Each division of (NPE 461) Nursing practice education 461 must be passed individually with a subminimum of 50%.
- (h) **Second examination opportunity**
Consult the requirements for a second examination opportunity in the School of Healthcare Sciences as set out in this publication.
- (i) **Practical work**
Certain hospitals and healthcare facilities have been approved for the purposes of practical and clinical training in Fundamental Nursing Science, General Nursing Science, Psychiatric Nursing Science, Community Nursing Science and Midwifery.
- (j) **Conferment of the degree**
The Bachelor of Nursing Science [BCur] is conferred on students who have fulfilled all the programme requirements as well as the prescribed practical and clinical training successfully.

Successful completion of the degree entitles the graduate to register with the South African Nursing Council as Nurse (General, Psychiatric and Community) and as Midwife/Accoucheur.

(k) **Degree with distinction**

The BCur degree is conferred with distinction on a student who has obtained:

- (i) At least 75% in each of NPE 461, NPE 462 and NUR 456.
- (ii) A joint average of at least 75% in NUR 451 and NUR 452.
- (iii) A joint average of at least 75% in DNP 451 and DNP 452.

**H.2 Bachelor of Nursing Science (Education and Administration) [BCur(I et A)]
(Code 10131081)**

Note:

Also consult the General Regulations.

(a) **General information**

- (i) The Bachelor of Nursing Science (Education and Administration) [BCur(I et A)] provides professional nurses registered with the South African Nursing Council (SANC), with the opportunity of obtaining post-basic, professional qualifications in any of the following areas of specialisation (major speciality):

(aa) Nursing Management

(bb) Nursing Education

(cc) Community Nursing Science

(dd) Clinical Nursing Science, with a selected subspeciality in the second year of study, namely:

- Advanced Midwifery and Neonatal Nursing Science
- Neonatal Nursing Science
- Child Nursing Science
- Medical and Surgical Nursing Science: Critical Care Nursing: General
- Medical and Surgical Nursing Science: Critical Care Nursing: Paediatric
- Medical and Surgical Nursing Science: Critical Care Nursing: Trauma and Emergency Nursing
- Medical and Surgical Nursing Science: Operating Theatre Nursing
- Clinical Nursing Science, Health Assessment, Treatment and Care.

- (ii) Successful completion of the degree programme will also provide graduates with the opportunity to further their studies, in their chosen fields of specialisation at postgraduate level, provided there are sufficient applications.

- (iii) Candidates who comply with the admission requirements must compile a suitable curriculum in the selected area of specialisation, in consultation with the head of department.

- (iv) The curriculum mentioned in (iii) above, must be reviewed on an annual basis in consultation with the head of department.

(b) **Requirements for admission**

- (i) A selection process applies, based on academic merit, experience in the workplace, compliance with the relevant admission requirements and the approval of the employer.

- (ii) A National Senior Certificate with admission for degree purposes or a certificate of conditional exemption by virtue of mature age (prior to 2009).
 - (iii) Minimum requirements in respect of Grade 12 subjects are applicable in the case of conditional exemption (full details are available on request from Student Administration.)
 - (iv) Proof of registration with the South African Nursing Council as a General Nurse.
 - (v) Candidates who intend following Community Nursing Science must also be registered with the South African Nursing Council as Midwife/Accoucheur.
 - (vi) At least two years of appropriate experience in the workplace as registered nurse (excluding other nursing-related coursework) for Nursing Management and Nursing Education.
 - (vii) Candidates who intend following Clinical Nursing Science must also comply with the additional requirements for admission listed in paragraph (c) below.
- (c) **Additional admission requirements for Clinical Nursing Science**
- (i) At least one year of appropriate experience in the workplace, relevant to the area of specialisation and approved by the head of department; excluding other nursing-related coursework.
 - (ii) Students must have access, at least on a part-time basis, to clinical training facilities which are suitable for the proposed area of specialisation and approved by the head of department.
 - (iii) With the exception of the subspecialities Critical Care Nursing – General; Trauma and Emergency Nursing and Operating Theatre Nursing, students must also be registered with the South African Nursing Council as Midwife/Accoucheur.
- (d) **Duration**
For degree purposes, the programme extends over a period of at least three academic years.
- (e) **Grand total of credits required**
A minimum of **360** credits is required, subject to:
- (i) The successful completion, at 100, 200 and 300 level, of two approved major subjects (core modules) within a given area of specialisation.
 - (ii) Successful completion of all prescribed fundamental modules.
 - (iii) Satisfactory performance and successful completion of the required practical work and/or clinical training specified for the field of specialisation in question.
 - (iv) Successful completion of an approved curriculum (degree programme) compiled of modules equivalent to ten year modules .
- (f) **Curriculum**

Curriculum	Year 1 (100 level)	Year 2 (200 level)	Year 3 (300 level)
Modules	Module code	Module code	Module code
Fundamental modules (Generic to the degree programme, any area of specialisation):			

Nursing dynamics (equivalent to a year module)	VDN 110, 120	-	-
Nursing research methodology (equivalent to a year module)	-	-	VNM 100
Core modules (For the major areas of specialisation):			
<u>Nursing Management</u> (with Industrial and organisational psychology as second major subject)			
Nursing management (equivalent to 3 year modules)	VPB 110, 120, 160	VPB 250, 260	VPB 300
Nursing education theory (equivalent to a year module)	VOW 110, 120	-	-
Community nursing science (equivalent to a year module)	GVP 110, 120, 160	-	-
or	or		
Didactics of nursing education (equivalent to a year module)	DNE 110, 120, 160	-	-
Industrial and organisational psychology (equivalent to 3 year modules)	BDO 110, 120	BDO 219, 229	BDO 319, 329
<u>Nursing Management</u> (with Community nursing science as second major subject)			
Nursing management (equivalent to 3 year modules)	VPB 110, 120, 160	VPB 250, 260	VPB 300
Community nursing science (equivalent to 3 year modules)	GVP 110, 120, 160	GVP 250, 260	GVP 300
Nursing education theory (equivalent to a year module)	VOW 110, 120	-	-
Industrial and organisational psychology (equivalent to a year module)	BDO 110, 120	-	-
<u>Nursing Education</u> (with Nursing management as second major subject)			
Nursing education theory (equivalent to 3 year modules)	VOW 110, 120	VOW 250, 260	VOW 300

Didactics of nursing education (equivalent to a year module)	DNE 110, 120, 160	-	-
Nursing management (equivalent to 3 year modules)	VPB 110, 120, 160	VPB 250, 260	VPB 300
Industrial and organisational psychology (equivalent to a year module)	BDO 110, 120	-	-
<u>Community Nursing Science</u> (with Nursing education as second major subject)			
Community nursing science (equivalent to 3 year modules)	GVP 110, 120, 160	GVP 250, 260	GVP 300
Nursing education theory (equivalent to 3 year modules)	VOW 110, 120	VOW 250, 260	VOW 300
Didactics of nursing education (equivalent to a year module)	DNE 110, 120, 160	-	-
Nursing management (equivalent to a year module)	VPB 110, 120, 160	-	-
Clinical Nursing Science (All subspecialties)			
Clinical nursing science (equivalent to 3 year modules)	KVG 110, 120	KVG 250, 260	KVG 300
Systems of nursing practice (equivalent to 3 year modules)	VPT 160	VPT 260	VPT 360
Choose between: Nursing management (equivalent to a year module)	VPB 110, 120, 160	-	-
or Nursing education theory (equivalent to a year module)	VOW 110, 120	-	-
Nursing science practical work (equivalent to a year module)	-	VGK 201	-

<p>Elective modules (equivalent to 2 year modules, comprising KVG 250, 260 and VPT 260)</p>		<p><u>Clinical Nursing Science</u></p> <p><u>Subspecialities at 200 level:</u> Choose one of the following:</p> <p>Advanced midwifery and neonatal nursing science</p> <p>Neonatal nursing science</p> <p>Child nursing science</p> <p>Critical care nursing science – General</p> <p>Critical care nursing – Paediatric</p> <p>Critical care nursing – Trauma and emergency nursing</p> <p>Operating theatre nursing</p> <p>Clinical nursing science, health assessment, treatment and care</p>	
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(g) **Transitional measures**

Students will be exempted from corresponding modules passed in the preceding seven (7) years.

(h) **Promotion to a subsequent year of study**

- (i) Consult the general requirements for promotion to a subsequent year of study in the School of Healthcare Sciences as set out in this publication.
- (ii) KVG and VPT at 100 level are also prerequisites for VGK 201.
- (iii) Consult the general pass requirements regarding the passing of modules with practical and/or clinical training credits in the School of Healthcare Sciences as set out in this publication.

- (iv) A student who has failed modules presented in the first semester by the Department of Nursing Science, will be allowed to repeat the examination in question at the end of the second semester.
- (v) Consult the general pass requirements of the School of Healthcare Sciences for the calculation of the final mark in a module, the continuous evaluation mark, etc. in this publication.
- (vi) **Note:**
 - In the following 100-level modules, only satisfactory progress and attendance are required: VPB 160, DNE 160 and GVP 160.
 - For specific prerequisites for BDO modules at 200 and 300 level: Consult the Yearbook of the Faculty of Economic and Management Sciences.
- (i) **Second examination opportunity**
Consult the requirements for a second examination opportunity under the general pass requirements of the School of Healthcare Sciences in this publication.
- (j) **Practical work**
Certain hospitals and healthcare facilities have been approved for the purposes of practical and/or clinical training. Students will be required to complete their practical work and/or clinical training at these facilities.
- (k) **Faculty certificates**
 - (i) Students who exit from the programme before completing the degree, and who fulfil all the requirements for registration of an additional qualification with the SANC, will be issued with an applicable Faculty Certificate.
 - (ii) Listing or registration with the SANC can be obtained in the following areas of specialisation, depending on the specific modules passed:
 - (aa) **Listing:**
 - Handling of Medicine in Nursing and the Physical Evaluation of Patients
 - (bb) **Registration:**
 - Nursing Administration
 - Nursing Education
 - Community Nursing Science
 - Advanced Midwifery and Neonatal Nursing Science
 - Neonatal Nursing Science
 - Child Nursing Science
 - Medical and Surgical Nursing Science: Critical Care Nursing - General
 - Medical and Surgical Nursing Science: Critical Care Nursing - Paediatric
 - Medical and Surgical Nursing Science: Critical Care Nursing - Trauma and Emergency Nursing
 - Medical and Surgical Nursing Science: Operating Theatre Nursing
 - Clinical Nursing Science, Health Assessment, Treatment and Care
- (l) **Conferment of the degree**
The Bachelor of Nursing Science (Education and Administration) [BCur(I et A)] is conferred on students who comply with all the requirements for the degree programme and who have completed all required practical and/or clinical training.

- (m) **Degree with distinction and applicable endorsement of the degree certificate**
- (i) The degree is conferred with distinction on a student who has obtained an average of at least 75% in the required 300-level modules.
 - (ii) The degree certificate will be endorsed with the specific area of specialisation (and the relevant subspeciality, in the case of Clinical Nursing).

H.3 Bachelor of Nursing Science Honours [BCurHons]

Suspended until further notice.

H.4 Master of Nursing Science [MCur]

Also consult the General Regulations.

- (a) **Fields of study**
- The Master of Nursing Science [MCur] degree is conferred in the following fields of study:
- (i) Clinical fields of study: (Code 10251151)
Coursework: (Code 10251152)
 - (ii) Nursing Management: (Code 10251111)
Coursework: (Code 10251112)
 - (iii) Nursing Education: (Code 10251051)
Coursework: (Code 10251052)
- (b) **Requirements for admission**
- Option 1**
- MCur with coursework**
- (i) Subject to the stipulations of General Regulation G.62, the Bachelor of Nursing Science degree is required for admission. In the case of the non-clinical fields, another approved bachelor's degree may also be considered.
 - (ii) Successful completion of an entrance examination, according to the discretion of the head of department.
 - (iii) Additional admission requirements as listed below are required for each of the following fields of specialisation:

Clinical fields of specialisation:

- (aa) A minimum of one year experience as registered nurse in the workplace, which is deemed appropriate by the head of department for the proposed field of study, other nursing science-related modules excluded.
- (bb) Students must, at least on a part-time basis, have access to clinical learning facilities suitable for the chosen field of specialisation, and approved by the head of department for the field of study in question.
- (cc) Registration with the South African Nursing Council (SANC) is required as follows:
 - For **Advanced Medical and Surgical Nursing Science (Critical Care Nursing: General)**, as general nurse.
 - For **Advanced Medical and Surgical Nursing Science (Critical Care: Trauma and Emergency Nursing)**, as general nurse.

- For **Advanced Midwifery and Neonatal Nursing Science**, as general nurse and midwife/accoucheur.
- For **Advanced Psychiatric Nursing Science**, as general nurse and psychiatric nurse.
- For **Advanced Community Nursing Science**, as general nurse, midwife/accoucheur and community nurse.
- For **Advanced Paediatric Nursing Science**, as general nurse and midwife/accoucheur.
- For **Advanced Neonatal Nursing Science**, as general nurse and midwife/accoucheur.
- For **Advanced Women's Health**, as general nurse, midwife/accoucheur and community nurse.
- For **Primary Curative Care**, as general nurse, midwife/accoucheur and community nurse, as well as listing with the SANC, in the Handling of Medicine in Nursing and the Physical Evaluation of Patients.

Non-clinical fields:

Registration with the South African Nursing Council (SANC) is required as follows:

- For **Nursing Management**, as general nurse and in Nursing Administration (Nursing Management).
- For **Nursing Education**, as general nurse and lecturer.

Option 2

MCur by virtue of a dissertation

Subject to the stipulations of General Regulations G.30 and G.62, at least a Bachelor of Nursing Science degree **and** according to the discretion of the head of department, an applicable post-basic qualification. The master's degree may only be awarded in the field of study of the prerequisite degree or equivalent qualification.

(c) Duration of the programme and the grand total of credits required

Option 1: MCur with coursework

- (i) At least two academic years. Not all the different fields of study are presented every year. Commencement of studies must therefore be discussed beforehand with the head of department.
- (ii) Total number of credits: **320-390** in a chosen field of study: provided that the prescribed curriculum is followed.

Option 2: MCur by virtue of a dissertation

- (i) At least one academic year.
- (ii) Total number of credits: **320**, of which 280 credits are allocated to the dissertation and 40 credits to (VNM 800) Nursing research methodology 800.

(d) Curricula

Option 1: MCur with coursework

- (i) The curriculum comprises the chosen field of specialisation in Advanced Nursing Science or Advanced Women's Health or Primary Curative Nursing Science or Nursing Management or Nursing Education, Advanced Dynamics of Nursing Practice (DNP 800), Nursing research methodology 800 (VNM

- 800) and an essay (VGK 891). Consult par (iii) below regarding VNM 800 and VGK 891.
- (ii) (VNM 800) Nursing research methodology 800 will exempt students who choose this option, from (TNM 800) Applied research methodology 800.
 - (iii) (VNM 800) Nursing research methodology 800 is a prerequisite for the successful completion of (VGK 891) Essay 891.
 - (iv) The modules prescribed for the fields of specialisation appear in the table below:

Modules in the field of specialisation	Advanced dynamics of nursing practice	Nursing research methodology	Essay
Clinical fields:			
Advanced Medical and Surgical Nursing Science (Critical Care Nursing: General) (390 credits)			
<u>Year 1</u> AMS 860, 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> AMS 870, 871, 872			
Advanced Medical and Surgical Nursing Science (Critical Care: Trauma and Emergency Nursing) (390 credits)			
<u>Year 1</u> ATN 860, 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> ATN 870, 871, 872			
Advanced Midwifery and Neonatal Nursing Science (390 credits)			
<u>Year 1</u> AMN 860, 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> AMN 870, 871, 872			
Advanced Psychiatric Nursing Science (390 credits)			
<u>Year 1</u> APN 860, 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> APN 870, 871, 872			
Advanced Community Nursing Science (320 credits)			
<u>Year 1</u> ACN 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> ACN 871, 872			
Advanced Child Nursing Science (390 credits)			
<u>Year 1</u> ACC 860, 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> ACC 870, 871, 872			
Advanced Neonatal Nursing Science (390 credits)			
<u>Year 1</u> ANN 860, 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> ANN 870, 871, 872			

Advanced Women's Health (320 credits)			
<u>Year 1</u> AVN 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> AVN 871, 872			
Primary Curative Care (390 credits)			
<u>Year 1</u> APC 860, 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> APC 870, 871, 872			
Non-clinical Fields:			
Nursing Management (320 credits)			
<u>Year 1</u> ANX 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> ANX 871, 872			
Nursing Education (320 credits)			
<u>Year 1</u> ANZ 861, 862	<u>Year 1</u> DNP 800	<u>Year 1</u> VNM 800	<u>Year 2</u> VGK 891
<u>Year 2</u> ANZ 871, 872			

Option 2: MCur by virtue of a dissertation

- (i) The degree is conferred on a student who has successfully completed (VNM 800) Nursing research methodology 800 and a dissertation (VGK 890).
- (ii) VNM 800 is a prerequisite for the successful completion of the dissertation (VGK 890).

(e) Pass and pass with distinction**Option 1: MCur with coursework**

- (i) A final mark of at least 50% must be obtained in each of the prescribed modules in order to pass.
- (ii) Modules with a practical and/or clinical training component can only be passed if the student has also completed all prescribed practical and/or clinical work to the satisfaction of the head of department.
- (iii) The degree is conferred on a student who has complied with all the degree requirements.
- (iv) **Degree with distinction:** The degree is conferred with distinction on a student who has maintained an average of at least 75% for the duration of his/her studies, with the exception of Nursing research methodology (VNM 800) and Advanced dynamics of nursing practice (DNP 800).
- (v) Students who complete the degree in a clinical field of specialisation, will receive their degree certificates endorsed with the subspeciality in question.

Option 2: MCur by virtue of a dissertation

- (i) A final mark of at least 50% is required in both VNM 800 and the dissertation in order to comply with all the requirements for the degree.
- (ii) **Degree with distinction:** The degree is conferred with distinction on a student who has obtained at least 75% for the dissertation.

H.5 Doctor of Philosophy [PhD] (Code 10260311)

Field of study: Nursing Science

Also consult the General Regulations

Note: All PhD students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption will be granted if (VNM 800) Nursing research methodology 800 has already been passed for the MCur degree.)

- (a) Subject to the stipulations of General Regulations G.45 and G.62, a student will only be admitted to doctoral degree studies if he or she is in possession of a master's degree.
- (b) The PhD degree study in the field of Nursing Science is conferred by virtue of a thesis and, if the Dean decides otherwise, an examination (VGK 900) which deals with the field of study of the thesis.
- (c) The thesis (VGK 990) deals with a problem from one or other field of Nursing Science, it must give an overview of the literature on the topic, and a description of the observations made and experiments done by the student, as well as a discussion of the conclusions reached. It must furthermore convince the promoter and examiners that it represents original research.
- (d) A complete research protocol in respect of the proposed thesis must be submitted to an evaluation committee at the commencement of the doctoral studies, and if necessary, also to the Ethics Committee for approval.
- (e) The evaluation committee is constituted by the head of department, in conjunction with the Chairperson of the School, and will consist of experienced persons in research in the proposed field of study of the candidate.
- (f) At least two committee members will be appointed from other national and/or international tertiary institutions. Due to financial constraints, technological aids will be used in the case of committee members from foreign universities who will therefore not be able to attend the meeting. The report of the evaluation committee will be made available to the candidate in writing.

H.6 Doctor of Nursing Science [DCur] (10261001)
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Also consult General Regulation G.56.

The DCur degree is conferred by virtue of the publications of a candidate who enjoys international recognition on the grounds of his or her outstanding and extensive research.

II. DEGREES IN RADIOGRAPHY

H.7 Bachelor of Radiography [BRad]

Also consult General Regulations.

Specialisation

- (i) Diagnostics (10137002)

(a) **Requirements for admission**

A National Senior Certificate with admission for degree purposes.

Note:

1. Grade 12 Mathematics and Physical Science passed with a minimum of 50% is a requirement.
2. Candidates must apply formally for admission to the first year of study, as all candidates are subjected to a selection procedure (consult General Academic Information in this publication).
3. Each student in Radiography must apply to the Registrar of the Health Professions Council of South Africa for registration as a student in Radiography immediately after admission to the first year of study.

(b) **Nature and duration**

The programme extends over three years' full-time study, during which period a student radiographer will be attached to an institution approved by the Department of Radiography. Students must comply with the stipulations of the Health Professions Council of South Africa concerning the required number of practical hours and as determined by the Department of Radiography.

(c) **Curriculum**

(The total number of credits is 382.)

(i) **First year of study**

The credit value per module is indicated in brackets after each module code in the table below:

Module	Module code
Fundamental modules	
Computer literacy 111	CIL 111 (4)
Information literacy 121	CIL 121 (4)
Academic literacy 110,	EOT 110 (6)
120	EOT 120 (6)
Radiographic anatomy 100	RAN 100 (20)
Radiation physics 110	RFI 110 (10)
Physiology 161,	FSG 161 (6)
162	FSG 162 (6)
Medical terminology 180	MTL 180 (12)
African language: Sepedi 110/	SEP 110 or
isiZulu 110	ZUL 110 (6)
Core modules	
Radiographic imaging 182	RAW 182 (20)
Radiography 180	RAW 180 (50)
Elective modules	
None	

(ii) **Second year of study**

The credit value per module is indicated in brackets after each module code in the table below.

Module	Module code
Fundamental modules	
Radiographic anatomy 280	RAN 280 (10)
Radiation physics 210	RFI 210 (10)
Radiation physics 211	RFI 211 (10)
Physiology 251	FSG 251 (6)
Physiology 252	FSG 252 (6)
Physiology 262	FSG 262 (6)
Basic emergency care 286	GNK 286 (2)
Core modules	
Diagnostics	
Radiographic imaging 282	RAW 282 (20)
Radiography 280	RAW 280 (54)
Radiation therapy and nuclear medicine 284	RAW 284 (10)
Elective modules	
None	

(iii) **Third year of study**

The credit value per module is indicated in brackets after each module code in the table below.

Module	Module code
Fundamental modules	
Radiographic anatomy 380	RAN 380 (10)
Radiation physics 310	RFI 310 (10)
Research in healthcare sciences 480	RHC 480 (16)
Anatomical pathology 210	ANP 210 (10)
Core modules	
Diagnostics	
Radiography 380	RAW 380 (52)
Radiography practice 382	RAW 382 (30)
Elective modules	
None	

(d) **Promotion to a subsequent year of study**

Consult the general requirements for promotion to a subsequent year of study under the School of Healthcare Sciences, in this publication.

(e) **Pass requirements**

- (i) **Subminimum:** A subminimum of 40% is required in the written as well as the practical/clinical sections of the examination in Radiographic Sciences at 100, 200 and 300 level.
- (ii) Consult the general pass requirements of the School of Healthcare Sciences, for the calculation of the final mark in a module, the continuous assessment mark, obtaining a pass mark in modules with practical and/or clinical components, etc.

(f) **Second examination opportunities**

Second examinations are granted according to the stipulations of the general pass requirements of the School of Healthcare Sciences.

(g) Degree with distinction

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the final-year modules.

H.8 Bachelor of Radiography Honours [BRadHons]

Also consult Gen. Reg. G.18.

Note:

All students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily.

(NVB 700) Research principles 700 will exempt students from (TNM 800) Applied research methodology.

(a) Requirements for admission

- (i) Subject to the stipulations of General Reg. G.62, a candidate must hold the BRad degree, or an equivalent qualification in the relevant field of specialisation for admission to honours degree study, and must be registered as a radiographer with the Health Professions Council of South Africa.
- (ii) A student must be appointed in a full-time position at an institution approved by the Department for this purpose.

(b) Fields of specialisation and duration

- ☐ Diagnostics: One academic year full-time or two years part-time
- ☐ Radiation Therapy: One academic year full-time or two years part-time
- ☐ Nuclear Medicine: One academic year full-time or two years part-time

(c) Curriculum**(i) Diagnostics (Code 10247062)**

(The credit value of each module appears in brackets in the table below.)

Module	Module code
Fundamental modules	
Applied research methodology 800	TNM 800 (5)
Research principles 700	NVB 700 (20)
Radiographic anatomy 700	RAN 700 (20)
Anatomical pathology 703	ANP 703 (5)
Core module	
Compulsory core module	
Essay 700	RSK 700 (30)
Choose (in consultation with the Department) a total of 90 credits from the following core modules:	
Quality assurance 780	RAW 780 (30)
Image interpretation 781	RAW 781 (30)
Computer tomography 782	RAW 782 (30)
Magnetic resonance 783	RAW 783 (30)
Intervention 784	RAW 784 (30)
Mammography and bone density 785	RAW 785 (30)
Ultrasound (Module I) 786	RAW 786 (30)
*Ultrasound (Module II) 787	RAW 787 (30)
*Ultrasound (Module III) 788	RAW 788 (30)

*Ultrasound (Module I) 786 is a prerequisite.

A student must obtain at least **160** credits to comply with degree requirements.

Note:

(aa) Students who specialised at undergraduate level (i.e. from the second year of study) in Radiation Therapy or in Nuclear Medicine, register according to the curriculum as set out in (ii) and (iii) below.

(ii) **Radiation Therapy (Code 10247061)**

(The credit value of each module appears in brackets in the table below.)

Module	Module code
Fundamental modules	
Applied research methodology 800	TNM 800 (5)
Research principles 700	NVB 700 (20)
Core modules	
Radiation therapy 700	RSZ 700 (50)
Dosage planning 700	DSB 700 (30)
Oncological behavioural science 700	OKG 700 (30)
Essay 700	RSK 700 (30)

(iii) **Nuclear Medicine (Code 10247071)**

(The credit value of each module appears in brackets in the table below.)

Module	Module code
Fundamental modules	
Applied research methodology 800	TNM 800 (5)
Research principles 700	NVB 700 (20)
Core modules	
Nuclear medicine 700	RSK 700 (50)
Radiopharmacology 700	RDF 700 (30)
Instrumentation 700	INX 700 (30)
Essay 700	KDE 700 (30)

Note:

(bb) Students who did not register at undergraduate level (i.e. from the second year of study) in Radiation Therapy or Nuclear Medicine, register according to the undermentioned curricula:

(iv) **Radiation Therapy (Code 10247011)**

(The credit value of each module appears in brackets in the table below.)

Module	Module code
Fundamental modules	
Applied research methodology 800	TNM 800 (5)
Research principles 700	NVB 700 (20)
Core modules	
Radiation therapy 701	RSZ 701 (40)
Essay 700	RSK 700 (30)
Radiotherapeutic dosage planning 700	RDB 700 (40)
Radiation physics and radio protection 700	SFR 700 (20)
Clinical oncology and tumour pathology 701	KOZ 701 (10)

(v) **Nuclear Medicine (Code 10247021)**

(The credit value of each module appears in brackets in the table below.)

Module	Module code
Fundamental modules	
Applied research methodology 800	TNM 800 (5)
Research principles 700	NVB 700 (20)
Core modules	
Nuclear medicine 701	KDE 701 (30)
Essay 700	RSK 700 (30)
Theory of nuclear medicine 710	TKG 710 (30)
Radiochemistry and radiopharmacology 700	RCF 700 (25)
Radiation physics and instrumentation for nuclear medicine 700	SFI 700 (20)

(d) **Second examinations**

Second examinations may be granted in modules not passed, according to the stipulations of the School of Healthcare Sciences in this regard.

(e) **Degree with distinction**

The degree is conferred with distinction on a student who has obtained an average of at least 75% in all the modules for the degree.

H.9 Master of Radiography [MRad]

Also consult General Regulations.

Fields of specialisation

Diagnostics	(Code 10257001)
Nuclear Medicine	(Code 10257021)
Radiation Therapy	(Code 10257012)

(a) **Requirements for admission**

Subject to the stipulations of General Regulation G.62, at least a bachelor honours degree in Radiography is required, as well as registration as a radiographer with the Health Professions Council of South Africa.

The master's degree may only be taken in the field of study in which the foregoing degree or equivalent qualification has been obtained.

(b) **Duration**

The programme extends over one academic year.

(c) **Curriculum**

- (i) A dissertation in the field of Diagnostics (RSD 890) or Nuclear medicine (KDE 890) or Radiation therapy (RSZ 890).
- (ii) (TNM 800) Applied research methodology 800 or an equivalent module must be passed.

(d) **Degree with distinction**

A minimum of 75% must be obtained in the dissertation, to obtain the degree with distinction.

H.10 Doctor of Philosophy [PhD] (Code 10260571)
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Also consult the General Regulations

Note: All PhD students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption will be granted if the module has already been passed for the MRad degree.)

Field of study: Radiography

- (a) Subject to the stipulations of General Regulations G.45 and G. 62, a student will only be admitted to doctoral degree studies if he or she is in possession of a master's degree.
- (b) The PhD degree study in the field Radiography is conferred by virtue of a thesis and, unless the Dean decides otherwise, an examination (RAD 900) which deals with the field of the thesis.
- (c) The thesis (RAD 990) must deal with a problem from one or other field of Radiography, it must give an overview of the literature on the topic, and a description of the observations made and experiments done by the student, as well as a discussion of the conclusions reached, and furthermore convince the promoter and examiners that it represents original research.
- (d) A complete research protocol in respect of the proposed thesis must be submitted to an evaluation committee at the commencement of the doctoral studies, and also to the Ethics Committee for approval.
- (e) The evaluation committee is constituted by the head of department, in conjunction with the Chairperson of the School, and will consist of experienced persons in research in the proposed field of study of the candidate.
- (f) At least two committee members will be appointed from other national and/or international tertiary institutions. Due to financial constraints, technological aids will be used in the case of committee members from foreign universities who will therefore be unable to attend the meeting. The report of the evaluation committee will be made available to the candidate in writing.

III. DEGREES IN OCCUPATIONAL THERAPY

H.11 Bachelor of Occupational Therapy [BOccTher] (Code 10138001)

Also consult General Regulations.

- (a) **Requirements for admission**
 - (i) A National Senior Certificate with admission for degree purposes with Physical Science and Mathematics.
 - (ii) In order to retain his or her selection, a student in Category 1 and 8 of the selection procedure, must obtain an APS of at least 30 in the final Grade 12-examination, as well as a 5 (60-69%) rating code in Physical Science and a 4 (50-59%) in Mathematics.
 - (iii) Formal application must be made for admission to the first year of study, as admission is subject to selection.
 - (iv) Students in the first year of study who do not qualify for admission to the second year of study are automatically subjected to selection again.

Note: Each student in Occupational Therapy must apply immediately after admission to the first year of study, to the Registrar of the Health Professions Council of South Africa for registration as a student in Occupational Therapy.

(b) **Nature and duration**

- (i) The programme extends over four academic years, during which period a student receives clinical training as a student occupational therapist at an institution approved by the University.
- (ii) Students must complete at least 1 000 hours' clinical practical work over the four years of study in order to register as an occupational therapist with the Health Professions Council of South Africa.
- (iii) Students may complete the first three years over four years. In such cases, the choice of modules for the different years is done at the commencement of studies, in conjunction with the head of department.

(c) **Pass requirements and grand total of credits for degree purposes**

- (i) **Subminimum:** In modules with a written as well as a practical and/or clinical examination, a subminimum of 40% is required in the written as well as the practical and/or clinical sections of the examination.
Also consult the general pass requirements of the School of Healthcare Sciences for the calculation of the final mark in a module, the continuous evaluation mark, obtaining a pass mark in modules with practical and/or clinical components, etc.
- (ii) **Grand total of credits required to comply with degree requirements**
At least 580.

(d) **Second examination opportunity**

Consult the requirements for a second examination opportunity under the general pass requirements of the School of Healthcare Sciences.

(e) **Promotion to a subsequent year of study**

Consult the general requirements for promotion to a subsequent year of study of the School of Healthcare Sciences.

(f) **First year of study**

Curriculum

(Credit values per module appear in brackets in the table below.)

Module	Module code
Fundamental modules	
Anatomy (24)	ANA 151, 152, 161, 162
Academic literacy (12)	EOT 110, 120
Computer literacy (4)	CIL 111
Information literacy (4)	CIL 121
Psychology (24)	SLK 110, 120
Community development (24)	GSO 180, 181, 182, 183
Physiology (12)	FSG 161, 162
Medical terminology (12)	MTL 180
Basic emergency care (2)	GNK 286

Core modules	
Occupational science (25)	AKU 100
Occupational therapy (16)	ART 100
Elective modules	
None	
Total number of credits required	151

Important

*The modules CIL 111 Computer literacy and CIL 121 Information literacy and EOT 110,120 Academic literacy must be completed before registration for the fourth year of study.

(g) Admission to the second year of study

(i) Consult par. (e) above in connection with promotion to a subsequent year of study.

(h) Second year of study:

Curriculum (credit values of modules appear in brackets)

Module	Module code
Fundamental modules	
Psychology (40)	SLK 210, 220
Physiology (24)	FSG 251, 252, 261, 262*
Research and professional development (10)	RPD 200
Core modules	
Occupational science 200 (10)	AKU 200
Occupational therapy 281 (12)	ART 281
Occupational therapy 282 (12)	ART 282
Occupational therapy 283 (12)	ART 283
Occupational therapy 284 (14)	ART 284
Elective modules	
None	
Total number of credits required	134

Note:

*Consult the Department of Physiology regarding possible prerequisites for the modules in question.

(i) Admission to the third year of study

Consult par (e) above for promotion to a subsequent year of study.

(j) Third year of study

Curriculum (credit values of modules appear in brackets)

Module	Module code
Fundamental modules	
Anatomical pathology 210 (12)	ANP 210
Research and professional development 380 (20)	RDP 380
African language: Sepedi 110 or isiZulu 110 (6)	SEP110 or ZUL 110

Core modules	
Occupational science 303 (25)	AKU 303
Occupational science 381 (25)	AKU 381
Occupational science 382 (25)	AKU 382
Occupational therapy 381 (20)	ART 381
Occupational therapy 382 (20)	ART 382
Elective modules	
None	
Total number of credits required	153

(k) **Admission to the fourth year of study:**

A student must pass all the modules of the first, second and third year of study to be admitted to the fourth year of study.

(l) **Fourth year of study**

Curriculum (credit values of modules appear in brackets)

Module	Module code
Fundamental modules	
Research and professional development 481 (5)	RPD 481
Core modules	
Occupational therapy 401 (45)	ART 401
Occupational therapy 402 (45)	ART 402
Occupational science 400 (45)	AKU 400
Elective modules	
None	
Total number of credits required	150

(m) **Examination after one semester**

A final-year student who has failed one module but who has passed all other modules, may be admitted to a special examination in the module in question at the end of the first semester of the subsequent year, after satisfactory attendance at lectures and clinical work during the first semester.

(n) **Degree with distinction**

The BOccTher degree is conferred with distinction on a student who has obtained an average of at least 75% in the core modules in the final year of study.

H.12 Bachelor of Occupational Therapy Honours [BOccTherHons]

Suspended until further notice.

H.13 Master of Occupational Therapy [MOccTher]

Also consult the General Regulations.

Note: Students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption will be granted if the module (BSN 701) Biostatistics and research methodology 701 has been passed for the BOccTherHons degree.)

(a) **Admission requirements**

- (i) Subject to the stipulations of General Regulation G.62, the Bachelor's degree in Occupational Therapy or an equivalent qualification is required for admission, as well as registration as occupational therapist with the Health Professions Council of South Africa.
- (ii) A student must hold at least a part-time position deemed applicable to the proposed field of study by the head of department.

(b) **Duration**

At least two academic years. Commencement of studies must first be discussed with the head of department, as not all the specialisations are offered each year.

(c) **Curricula**

(i) **MOccTher with coursework:**

The curriculum comprises a major subject and prerequisite subjects.

Fields of specialisation

(aa) **Hand Therapy (Code 10258011)**

Major subject:	ART 801	Occupational therapy 801
Essay:	ART 891	Essay: Occupational therapy 891
Prerequisite subjects:	AAN 802 FSG 881 ANP 891 ATP 800	Occupational therapeutic anatomy 802 Physiology 881 Anatomical pathology 891 Theory in occupational therapy practice 800

(bb) **Neurology (Code 10258021)**

Major subject:	ART 802	Occupational therapy 802
Essay:	ART 891	Essay: Occupational therapy 891
Prerequisite subjects:	AAN 803 FSG 881 ANP 891 ATP 800	Occupational therapeutic anatomy 803 Physiology 881 Anatomical pathology 891 Theory in occupational therapy practice 800

(cc) **Paediatrics (Code 10258031)**

Major subject:	ART 803	Occupational therapy 803
Essay:	ART 891	Essay: Occupational therapy 891
Prerequisite subjects:	AAN 803 FSG 881 ANP 891 ATP 800	Occupational therapeutic anatomy 803 Physiology 881 Anatomical pathology 891 Theory in occupational therapy practice 800

(dd) Psychiatry (Code 10258041)

Major subject:	ART 804	Occupational therapy 804
Essay:	ART 891	Essay: Occupational therapy 891
Prerequisite subjects:	PGP 800	Psychopathology 800
	FSG 881	Physiology 881
	AAN 803	Occupational therapeutic anatomy 803
	GRA 800	Groups in occupational therapy 800
	ATP 800	Theory in occupational therapy practice 800

(ee) Activity Theory (Code 10258051)

Major subject:	ART 805	Occupational therapy 805
Essay:	ART 891	Essay: Occupational therapy 891
Prerequisite subjects:	FSG 881	Physiology 881
	AAN 803	Occupational therapeutic anatomy 803
	ATP 800	Theory in occupational therapy practice 800

(ii) MOccTher by virtue of research (Code 10258001)**Curriculum**

- (aa) A dissertation (ART 890) on an approved topic based on research.
- (bb) Successful completion of (ART 800) Occupational therapy 800 (attendance module) and (ATP 800) Theory in occupational therapy practice 800.

(d) Examination**MOccTher with coursework**

- (i) A continuous evaluation mark of at least 50% is required for admission to the examination in the major subject.
- (ii) The sequence of the examinations in the prerequisite subjects will be determined by the head of department according to the major subject followed by the student.
- (iii) In order to pass, a subminimum of 40% in the written and/or practical and/or clinical sections of the examination, and a final mark of at least 50%, is required in the major as well as the prerequisite subject.

MOccTher by virtue of a dissertation

The minimum pass mark for the dissertation is 50%.

(e) Degree with distinction**(i) MOccTher with coursework**

The degree is conferred with distinction on a student who has obtained at least 75% in the major subject, and an average of at least 65% in the prerequisite subjects.

(ii) MOccTher with dissertation

The degree is conferred with distinction on a student who has obtained at least 75% for the dissertation and at least 65% in the module (ATP 800) Theory in occupational therapy practice 800. (TNM 800) Applied research methodology 800 and (ART 800) Occupational therapy 800 must have been attended satisfactorily.

H.14 Master of Early Childhood Intervention [MECI] (Code 10258240)

Also consult General Regulations.

(a) **Admission requirements**

A candidate must be in possession of an applicable four-year professional bachelor's degree or an equivalent qualification.

(b) **Duration**

Two years of part-time study through distance education.

(c) **Curriculum**

Year 1

(The credit value of each module appears in brackets after the module code.)

Module	Module code
ECI: Critical theoretical analysis in ECI 801*	ECI 801 (90)

*Refer to the study guide available on request from the Centre for Augmentative and Alternative Communication for information on the subdivisions of the module.

Year 2

(The credit value of each module appears in brackets after the module code.)

Module	Module code
ECI: Collaborative problem-solving 872	ECI 872 (20)
ECI: Measurement in ECI 873	ECI 873 (20)
ECI: Evaluation and intervention 874 (e.g. ECI 874)	ECI 874 (20)
Applied discipline-directed elective module:	
Child health 860	ECI 860 (30)
Communication pathology 861	ECI 861 (30)
Educational psychology 862	ECI 862 (30)
Nursing science 863	ECI 863 (30)
Nutrition care 864	VSG 864 (30)
Occupational therapy 865	ECI 865 (30)
Physiotherapy 866	ECI 866 (30)
Severe disability 867	ECI 867 (30)
Social work 868	ECI 868 (30)
Audiology 869	ECI 869 (30)

(d) **Promotion to the second year of study**

A student must pass the first year of study for admission to the second year of study. Participation as described in the study guide is a requirement for promotion to the second year of study.

(e) **Examination and pass requirements**

- A minimum of 50% is required to pass in a module, and all modules must be passed before the degree will be conferred.
- The nature and frequency of examinations will be determined by the head of department in conjunction with the programme supervisor.

(f) **Second examinations**

Second examinations or regrouping of work assignments will take place within two weeks or a month after conclusion of the examination in which the student failed.

(g) Degree with distinction

The degree is conferred with distinction on a student who has obtained an average of at least 75% in all the modules.

**H.15 Doctor of Philosophy [PhD]
(Code 10260321)**

Also consult General Regulations.

Note: All PhD students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption will be granted if (TNM 800) Applied research methodology 800 has been passed for the MOccTher degree.)

Field of study: Occupational Therapy

- (a) Subject to the stipulations of General Regulations G.45 and G.62, a candidate for admission to doctoral degree studies must hold a master's degree.
- (b) The PhD in Occupational Therapy is conferred by virtue of a thesis and, unless the Dean decides otherwise, an examination (code ART 900) pertaining to the field of study chosen for the thesis.
- (c) The thesis (ART 990) must deal with a problem in a field of Occupational Therapy; it must give a synopsis of the literature on the topic and contain a description of the observations made and experiments done by the student as well as a discussion of the conclusions reached.

**H.16 Doctor of Occupational Therapy [DOccTher]
(Code 10268001)**

Also consult General Regulations.

Note: All DOccTher students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption will be granted if (TNM 800) Applied research methodology 800 has been passed for the MOccTher degree.)

The DOccTher degree is conferred by virtue of a thesis (ART 990) and, unless the Dean decides otherwise, an examination (ART 900) on the field of study pertaining to the thesis.

IV. DEGREES IN PHYSIOTHERAPY
**H.17 Bachelor of Physiotherapy [BPhyst]
(Code 10138101)**

Also consult General Regulations G.1 to G.15.

(a) Requirements for admission

- (i) Only selected candidates will be admitted. A National Senior Certificate with admission for degree purposes is required, with at least a 4 (50-59%) in Mathematics and Physical Science in the final Grade 12 examination.
- (ii) Selected first-year students who have passed in sufficient first-semester modules at 100 level will, according to the stipulations of General Regulation

G.3, automatically be admitted to the second semester of the first year of study. During the second semester, students may follow the outstanding module(s) on an anti-semester basis and write the examination, on the condition that the modules in question are indeed presented on an anti-semester basis in the second semester by the relevant department and can be accommodated in the class and examination timetables.

- (iii) If a student fails one or more first-year modules, he or she forfeits selection and must apply again for selection for the first year of study.
- (iv) **Note:** Each student in Physiotherapy must apply to the Registrar of the Health Professions Council of South Africa for registration as a student in Physiotherapy immediately after admission to the first year of study.

(b) **Nature and duration**

- (i) The programme extends over four academic years, during which period a student receives clinical training as a student physiotherapist at an institution approved by the University.
- (ii) Students may be allowed to extend the first two years of study over three years, in which case the modules per year must be selected in consultation with the head of department at the commencement of studies.

(c) **Pass requirements and grand total credits required for degree purposes**

Consult the general pass requirements of the School of Healthcare Sciences for the calculation of the final mark in a module, the continuous evaluation mark, obtaining a pass mark in modules with practical and/or clinical components, etc.

The grand total of credits required to comply with degree requirements, is at least **618**.

(d) **Second examination opportunity**

Consult the requirements for a second examination opportunity under the general pass requirements of the School of Healthcare Sciences.

(e) **Promotion to a subsequent year of study**

Consult the general requirements for promotion to a subsequent year of study in the School of Healthcare Sciences. Modules/subjects with practical and clinical training credits cannot be passed, unless all prescribed clinical hours and practical skills have been completed to the satisfaction of the head of department.

(f) **Curriculum**

(i) **First year of study**

(Credit values indicated below are per module)

Module	Module code	Credits	Semester
Fundamental modules			
Physics 131	PHY 131	8	1
Chemistry 151	CMY 151	8	1
Psychology 110	SLK 110	12	1
Anatomy 151, 152, 161, 162	ANA 151, 152, 161, 162	24	1 + 2
Physiology 161, 162	FSG 161, 162	24	2
Computer literacy 111	CIL 111	4	1
Information literacy 121	CIL 121	4	2

Academic literacy 110, 120	EOT 110, 120	12	1 + 2
African language: Sepedi 110 or isiZulu 110	SEP 110 or ZUL 110	6	1
Core modules			
Physiotherapy 100	FTP 100	15	1 + 2
Elective modules			
None			
Total number of credits		117	

(ii) **Subminimum**

A subminimum of 40% is required in the theoretical as well as in the practical examination in FTP 100.

(iii) **Practical nursing**

Practical nursing for a continual period of 40 hours must be completed satisfactorily at an approved hospital/facility after the conclusion of the examination period in November. Documentary proof to this effect must be submitted.

(g) **Second year of study**(i) **Curriculum**

Module	Module code	Credits	Semester
Fundamental modules			
Physiology 251, 252, 261, 262	FSG 251, 252, 261, 262	24	1+2
Community development 180, 181, 182	GSO 180, 181, 182	18	1+2
Anatomical pathology 210	ANP 210	14	1
Systems in healthcare 254	SOH 254	10	2
Medical microbiology 252, 253, 254	GMB 252, 253, 254	18	1+2
Basic emergency care 286	GNK 286	2	1
Psychology 210	SLK 210	20	1
Core modules			
Physiotherapy 203	FTP 203	52	1+2
Physiotherapy clinical practice 220	FTP 220	20	2
Professional development and leadership 251	POL 251	10	1
Elective modules			
None			
Total number of credits		188	

(ii) **Basic Emergency Care (Code GNK 286)**

- If students obtain 60% or more in Basic Emergency Care, this mark will be validated as the **examination mark** at the end of the year, and such students will be exempted from the examination in the module.
- Students who obtain between 40% and 49% in the calculated mark for the module, will be admitted to a second examination in November/

December of the same year, or in January of the following year. A minimum of 50% is required as a pass mark for the second examination.

- This examination will also serve as an aegrotat or extraordinary examination for students who could not write the initial examination due to health or other acceptable reasons. A student must, however, apply formally to be admitted to such an examination, and the application must be approved by the Dean, on the recommendation of the head of department, and in some cases, also by the Faculty Health Committee.

(iii) **Subminimum**

A subminimum of 40% is required in the theoretical and practical components in the examination in FTP 220 and 203 and in POL 251.

(iv) **Exemption from the examination in (ANP) Anatomical pathology 210**

Consult the stipulations as set out under the School of Healthcare Sciences.

(h) **Admission to the third year of study**

A student must pass all the modules of the second year of study for admission to the third year of study.

(i) **Third year of study**

(i) **Curriculum**

Module	Module code	Credits of modules	Semester
Fundamental modules			
Ethics and law in healthcare 310	MRZ 310	8	2
Research in healthcare 480	RHC 480	16	1
Pharmacology 381, 382	FAR 381, 382	35	1 + 2
Core modules			
Physiotherapy 300	FTP 300	40	1 + 2
Physiotherapy clinical practice 301	FTP 301	60	1 + 2
Professional development and leadership 300	POL 300	13	1 + 2
Elective modules			
None	-	-	-
Total number of credits		172	

(ii) **Subminimum**

A subminimum of 40% is required in the theoretical and practical/clinical examination in (FTP) Physiotherapy 300, (FTP) Physiotherapy clinical practice 301 and (POL) Professional development and leadership 300.

(iii) **Exemption from the examination in (FAR) Pharmacology 381, 382**

Consult the stipulations of the School of Healthcare Sciences in this regard.

(j) **Fourth year of study**
 (i) **Curriculum**

Module	Module code	Credits	Semester
Fundamental modules			
None			
Core modules			
Physiotherapy 400	FTP 400	30	1+2
Physiotherapy research 401	FTP 401	20	1+2
Physiotherapy clinical practice 402	FTP 402	88	1+2
Professional development and leadership 400	POL 400	19	1+2
Elective modules			
None			
Total number of credits		157	

(ii) **Subminimum**

A subminimum of 40% is required in clinical/practical as well as theoretical components of the examination of (FTP 400,402) Physiotherapy 400 and 402 and (POL 400) Professional development and leadership 400.

(iii) **Special examination: Fourth year of study**

- (aa) The student gets another opportunity to take part in the examination.
- (bb) A special examination in (FTP 400) Physiotherapy 400, (FTP 402) Physiotherapy clinical practice 402 and (POL 400) Professional development and leadership 400 is conducted after six months have elapsed since the examination in which the student failed. If the student failed in (FTP 402) Physiotherapy clinical practice 402, he or she must undergo further clinical instruction in the clinical training areas and obtain at least 50% in the examination.
- (cc) A student who has not obtained a pass mark in the essay of (FTP 401) Physiotherapy 401, must submit an amended essay at a later date determined by the head of department.

(iv) **Ancillary examination: Fourth year of study**

After the conclusion of the examination in (FTP 400) Physiotherapy 400 and (FTP 402) Physiotherapy clinical practice 402 and before the results are announced, the examiners may, with a view to awarding a final mark, summon a student for an ancillary examination in the theory and/or clinical component of (FTP 400) Physiotherapy 400 and (FTP 402) Physiotherapy clinical practice 402.

(k) **Degree with distinction**

The degree is conferred with distinction on a student who has obtained at least 75% in (FTP 400) Physiotherapy 400 and (FTP 402) Physiotherapy clinical practice 402 and a joint average of at least 75% in (FTP 401) Physiotherapy research 401 and (POL 400) Professional development and leadership 400.

H.18 Master of Physiotherapy [MPhysT]
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Also consult General Regulations.

(a) **Requirements for admission**

- (i) Subject to the stipulations of General Regulation G.62, the BPhysT degree or an equivalent qualification is required, as well as registration as a physiotherapist with the Health Professions Council of South Africa.
- (ii) For the MPhysT degree, students must also hold at least a part-time position, deemed applicable for master's degree studies by the head of department.
- (iii) Candidates will be required to provide proof of having successfully completed applicable postgraduate modules in clinical fields of specialisation, e.g. Orthopaedic Manual Therapy 1, before the MPhysT degree will be conferred.
- (iv) A candidate who applies for admission to the MPhysT degree studies by virtue of research (Code 10258101), must comply with the following requirement:
Complete applicable continued training courses presented at national level, in the field of research, as accredited with the Professional Board of Physiotherapy, Biokinetics and Podiatry.
- (v) During the MPhysT studies, students must participate in formal departmental instruction and/or research programmes of at least 60 hours per year.
- (vi) Postgraduate modules for all the fields of specialisation for the MPhysT degree with coursework, are offered on a biennial basis, if at least five applicants apply for admission to a particular field of specialisation. The closing date for new applications is 31 October annually. Applicants will be notified as soon as possible after this date, whether or not a particular field of specialisation will be presented in the subsequent year. Commencement of studies must, therefore, be discussed beforehand with the head of department.
- (vii) The closing date for applications is 31 October annually.

(b) **Duration**

At least two academic years.

(c) **Curricula**

(i) **MPhysT with coursework**

The basic curriculum consists of a number of fundamental modules which are prerequisites for the core modules in the field of specialisation.

Fields of specialisation

Note: The credit value of each module is indicated in brackets in the table below.

(aa) **Surgery (Code 10258132)**

Year 1

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 871	FSA 871	15
Physiology 878	FSG 878	15
Physiotherapy 801	FTB 801	35
Professional physiotherapy practice 801	FTX 801	34
Core modules		
Clinical physiotherapy: Surgery 801	FTK 801	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 801	FTX 801	26
Core modules		
Clinical physiotherapy: Surgery 801	FTK 801	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(bb) Internal Medicine (Code 10258162)**Year 1**

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 808	FSA 808	15
Physiology 877	FSG 877	15
Physiotherapy 802	FTB 802	35
Professional physiotherapy practice 802	FTX 802	34
Core modules		
Clinical physiotherapy: Internal medicine 802	FTK 802	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 801	FTX 801	26
Core modules		
Clinical physiotherapy: Internal medicine 802	FTK 802	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(cc) Paediatrics (Code 10258172)

Year 1

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 870	FSA 870	15
Physiology 874	FSG 874	15
Physiotherapy 803	FTB 803	35
Professional physiotherapy practice 801	FTX 801	34
Core modules		
Clinical physiotherapy: Paediatrics 803	FTK 803	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 803	FTX 803	26
Core modules		
Clinical physiotherapy: Paediatrics 803	FTK 803	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(dd) Neurology/Neurosurgery (Code 10258232)

Year 1

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 807	FSA 807	15
Physiology 874	FSG 874	15
Physiotherapy 804	FTB 804	35
Professional physiotherapy practice 801	FTX 801	34
Core module		
Clinical physiotherapy: Neurology 804	FTK 804	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 801	FTX 801	26
Core modules		
Clinical physiotherapy: Neurology 804	FTK 804	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(ee) Women's Health (Code 10258182)**Year 1**

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 809	FSA 809	15
Physiology 871	FSG 871	15
Physiotherapy 805	FTB 805	35
Professional physiotherapy practice 801	FTX 801	34
Core modules		
Clinical physiotherapy: Women's health 805	FTK 805	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 801	FTX 801	26
Core modules		
Clinical physiotherapy: Women's health 805	FTK 805	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(ff) Orthopaedics (Code 10258202)

Year 1

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 806	FSA 806	15
Physiology 872	FSG 872	15
Physiotherapy 806	FTB 806	35
Professional physiotherapy practice 801	FTX 801	34
Core modules		
Clinical physiotherapy: Orthopaedics 806	FTK 806	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 801	FTX 801	26
Core modules		
Clinical physiotherapy: Orthopaedics 806	FTK 806	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(gg) Orthopaedic Manual Therapy (Code 10258212)**Year 1**

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 807	FSA 807	15
Physiology 877	FSG 877	15
Physiotherapy 807	FTB 807	35
Professional physiotherapy practice 801	FTX 801	34
Core modules		
Clinical physiotherapy: Orthopaedic manual therapy 807	FTK 807	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 801	FTX 801	26

Core modules		
Clinical physiotherapy: Orthopaedic manual therapy 807	FTK 807	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(hh) **Sports Medicine (Code 10258222)**

Year 1

Module	Module code	Credits
Fundamental modules		
Physiotherapeutic anatomy 875	FSA 875	15
Physiology 875	FSG 875	15
Physiotherapy 808	FTB 808	35
Professional physiotherapy practice 801	FTX 801	34
Core modules		
Clinical physiotherapy: Sports medicine 808	FTK 808	160
Elective modules*		

Year 2

Module	Module code	Credits
Fundamental modules		
Pharmacology 871*	FAR 871	35
Professional physiotherapy practice 801	FTX 801	26
Core modules		
Clinical physiotherapy: Sports medicine 808	FTK 808	160
Research methodology 800*	TNM 800	16
Research project 893	FTP 893	16
Elective modules*		

*Candidates who have passed with at least 60% in corresponding modules to those indicated with * above during the four-year BPhysT degree studies or an equivalent degree programme must, in consultation with the head of department, select relevant modules from any faculty of the University of Pretoria, instead of the modules in question to the value of at least **69** credits, provided it can be accommodated in the class and examination timetables.

(ii) **MPhysT by virtue of research (Code 10258101)**

Note: All MPhysT students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily.

(aa) **Dissertation**

The master's degree is conferred by virtue of a dissertation (FTP 890), on an approved topic based on research.

(bb) **Publication**

All students must submit a publication that has been accepted for publication by an accredited journal before the degree will be conferred.

(d) **Examinations**

MPhysT with coursework

- (i) The examinations in the prerequisite modules will take place prior to or concurrently with that of the major subject as determined by the head of department.
- (ii) The examination consists of a written and a clinical as well as an oral component.
- (iii) A subminimum of 50% is required in each section of the examination, with a final mark of at least 50% to pass.
- (iv) A student will be granted a second opportunity to take part in the examination in the major subject after at least six months have elapsed since the original examination took place.
- (v) Students must submit a publication that has been accepted by an accredited journal for publication before the degree will be conferred.
- (vi) Candidates who submit certificates of successful completion of modules in the Continued Professional Development programme with a view to admission to the MPhysT with coursework, must pass in an open examination in the module in question in order to retain credits.

(e) **Degree with distinction**

(i) **MPhysT with coursework**

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the major subject and the prerequisite subjects, and at least 60% in all other prescribed modules.

(ii) **MPhysT by virtue of research**

To obtain the degree with distinction, at least 75% is required for the dissertation.

H.19 Doctor of Philosophy [PhD] (Code 10260451)
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Also consult General Regulations.

Note: All students must register for, and attend (TNM 800) Research methodology 800 satisfactorily. (Exemption will be granted if (TNM 800) Applied research methodology 800 has been passed for the MPhysT degree.)

Specialisation: Physiotherapy

(a) **Requirements for admission**

Subject to the stipulations of General Regulations G.54 and G.62, a candidate must be in possession of a master's degree in Physiotherapy or an equivalent qualification for admission to doctoral studies. The PhD is conferred by virtue of a thesis (FTP 990) and, unless the Dean decides otherwise, an examination on the field of study covered by the thesis (FTP 900).

- (b) A complete research protocol with regard to the thesis must be submitted to an evaluation committee and, if necessary, also to the Ethics Committee for approval. The evaluation committee is constituted by the head of department in conjunction with the Chairperson of the School and will consist of experienced persons in research in the proposed field of study of the candidate.
At least two committee members will be appointed from other national and/or international tertiary institutions. Due to financial constraints, technological aids will be used in the case of committee members from foreign universities, who will for this reason be unable to attend the meeting. The report of the evaluation committee will be made available to the candidate in writing.
- (c) The thesis must deal with a problem from one or other field of Physiotherapy and must be proof to the promoter and examiners that it represents original research.
- (d) The maximum period for the completion of a doctoral degree is five years. However, in accordance with the stipulations of General Regulation G. 32.4 and in extraordinary circumstances, the Chairperson of a School may, on the recommendation of the head of department, approve a fixed, limited extension of the period.

V. DEGREES IN DIETETICS

H.20 Bachelor of Dietetics [BDietetics] (Code 10139001)

Also consult General Regulations G.1 to G.15.

- (a) **Requirements for admission**
A National Senior Certificate with admission for degree purposes with at least a rating code of 4 (50-59%) in Mathematics, in Physical Science and in two other subjects. Only selected candidates are admitted.
- (b) **Nature and duration**
The programme extends over four academic years during which period a student receives practical training as a student dietician at an institution or institutions approved for this purpose by the University.
- (c) **Pass requirements, internship training and grand total of credits required for degree purposes**
 - (i) Consult the general pass requirements of the School of Healthcare Sciences, for the calculation of the final mark in a module, the continuous assessment mark, obtaining a pass mark in modules with practical and/or clinical components, etc.
 - (ii) **Internship training (second semester of the final year of study):**
The three compulsory semester modules (CNT 480, MNX 480 and FSS 480) jointly form the internship training and must be taken simultaneously.
 - (iii) The grand total credits required to comply with degree requirements is at least **880**. (Five credits are allowed for examination purposes in the final year.)
 - (iv) **Degree with distinction**
The degree is conferred with distinction on a student who has obtained an average of at least 75% in the following modules: CNT 411, 480 jointly, as well as MNX 411, 480 jointly, and VDS 322, VDB 321 and FSS 480 jointly.

- (d) (i) After admission to the first year of study, each student in Dietetics must register as a student in Dietetics with the Health Professions Council of South Africa.
- (ii) Students are required to complete at least four weeks applicable elective training (Code DTT 380) under the supervision of a dietician at an institution approved for this purpose by the University, after the first semester of the third year of study and prior to the commencement of the fourth year of study.
- (e) **Second examination opportunity**
Consult the requirements for a second examination opportunity under the general pass requirements in the School of Healthcare Sciences.
- (f) **Promotion to a subsequent year of study**
- (i) Consult the general requirements for promotion to a subsequent year of study under the School of Healthcare Sciences.
- (ii) Each paper (Paper 1 and 2) of the written examination for Medical nutrition therapy 323, 411 and 480 (MNX 323, 411, 480) as well as the practical examination for MNX 411 must be passed individually with a subminimum of 40%.
- (iii) Each paper written for the second examination opportunity in Medical nutrition therapy 323, 411 and 480 (MNX 323, 411, 480) as well as the practical examination for MNX 411 (second examination opportunity) must be passed individually with a subminimum of 50%.
- (g) **Exemption from the examination in (FAR) Pharmacology 381, 382**
Consult the stipulations set out under the School of Healthcare Sciences.
- (h) **Curriculum**
- (i) The table below comprises the fundamental, core and elective modules as well as credit value of each module prescribed for the curriculum, and an indication of the compulsory parallel modules and module prerequisites opposite each module.
- (ii) In a module in the prerequisite column followed by the symbol GS, a joint mark of at least 40% must be obtained prior to admission to the module in the first column. A module without any symbol must, however, be passed with at least 50%. A parallel module must be followed prior to, or simultaneously with the module in the first column.

First year of study

First semester	Parallel modules	Prerequisites	Credits
Fundamental modules			
CMY 117 General chemistry 117	-	-	16
PHY 131 Physics 131	-	-	16
MLB 111 Molecular and cell biology 111	-	-	16
EOT 110 Academic literacy 110	-	-	6
CIL 111 Computer literacy 111	-	-	4

Core module			
VDS Food 111	-	-	10
DTT Dietetic profession 110	-	-	8
Total credits per semester			76
Second semester	Parallel modules	Prerequisites	Credits
Fundamental modules			
CMY 127 Chemistry 127	-	-	16
EOT 120 Academic literacy 120	-	-	6
CIL 121 Information literacy 121	-	-	4
Core modules			
DTT 121 Application of communication principles in dietetics 121	-	-	8
KEP 261 Cultural eating patterns 261	-	-	6
ANA 161 Anatomy of the torso 161	-	-	6
Elective modules			
SEP/ZUL Sepedi 110/isiZulu 110	-	-	6
Total credits per semester			52
Total credits first year			128

Second year of study

First semester	Parallel modules	Prerequisites	Credits
Fundamental modules			
MGW 112 People and their environment 112	-	-	6
FLG 211 Introductory and neuro-physiology 211	-	MLB 111	16
		CMY 117 GS, 127 GS	
		PHY 131 GS	
FLG 212 Circulatory physiology 212	-	As for FLG 211	16
BCM 253 Protein and enzymes 253	-	MLB 111 GS	9
BCM 254 Prac: Protein and enzymes 254	BCM 253	CMY 117 GS, 127 GS	3
BCM 255 Carbohydrate metabolism 255	-	MLB 111	9
BCM 256 Prac: Carbohydrate metabolism 256	BCM 255	CMY 117 GS, 127 GS	3
GMB 252 Medical microbiology 252	FLG 211,221	-	6
Core modules			
VDS 210 Food 210	-	VDS 111	18
HNT 210 Human nutrition 210	FLG 211, 212 BCM 253, 254, 255, 256	2 nd -year status	27
Total credits per semester			110

Second semester	Parallel modules	Prerequisites	Credits*
Fundamental modules			
FLG 221 Lung and kidney physiology, acid-base equilibrium and temperature 221	FLG 222	FLG 211, 212	16
FLG 222 Digestion, endocrinology and reproductive systems 222	FLG 221	FLG 211, 212	16
BCM 263 Lipid and nitrogen metabolism 263	-	BCM 253 GS, 254 GS, 255 GS 256 GS	9
BCM 264 Prac: Lipid and nitrogen metabolism 264	FLG 221, 222	BCM 253 GS, 254 GS, 255 GS 256 GS	3
BCM 265 Biochemistry in perspective 265	-	As for BCM 263	9
BCM 266 Prac: Biochemistry in perspective 266	-	& 264	3
GMB 253,254 Medical microbiology 253, 254	FLG 221, 222	As for BCM 263	12
MRZ 310 Ethics and law in healthcare 310	-	& 264 FLG 211 GS, 212 GS 2 nd -year status	6
Core modules			
VDS 221 Food 221	-	VDS 210	18
HNT 220 Human nutrition 220	FLG 221, 222 BCM 263, 264, 265, 266	FLG 211 GS, 212 GS BCM 253, 254 255, 256 VDG 250 HNT 210	24
DTT 222 Nutrition Education 222	HNT 220	2nd-year status	18
Total credits per semester			134
Total credits second year (80/week)			236

Third year of study

First semester	Parallel modules	Prerequisites	Credits*
Fundamental modules			
FLG 312 Developmental physiology 312	-	FLG 221, 222	9
FLG 314 Immunology 314	-	BCM 253, 254, 255, 256 GS, 263, 264, 265, 266 GS	9
FAR 381 Pharmacology 381	-	FLG 211, 212, 221, 222 GS	20

Core modules			
NTA 313 Nutritional assessment 313	-	3rd-year status	46
RCH 310 Research project 310	-	3rd-year status	20
DTT 310 Dietetic counselling 310	-	3rd-year status	20
MNX 310 Medical nutrition therapy 310	-	3 rd -year status	9
CNT 310 Community nutrition 310	-	3 rd -year status	12
Total credits per semester			145
Second semester	Parallel modules	Prerequisites	Credits*
Fundamental modules			
FAR 382 Pharmacology 382	-	FAR 381, FLG 211, 212, 221, 222 GS	15
Core modules			
VDS 322 Food 322	-	KEP 261, VDS 210, 221	29
VDB 321 Food service management 321	-		18
MNX 323 Medical nutrition therapy 323	-	3 rd -year status	36
CNT 320 Community nutrition 320	-	3 rd -year status	3
RCH 320 Research project 320	-	RCH 310	10
DTT 320 Clinic and discussion class 320	-	DTT 310	6
Total credits per semester			117
Total credits third year			262

Fourth year of study

First semester (10 weeks)	Parallel module	Prerequisite(s)	Credits
CNT 411 Community nutrition 411	-	4th-year status	25
HNT 411 Human nutrition 411	-	4th-year status	18
MNX 411 Medical nutrition therapy 411	-	4th-year status	35
RCH 410 Research project 410	-	RCH 320	7
DTT 411 Dietetics profession 411	-	4th-year status	5
PRS 461 Practice management 461	-	4th-year status	5
Total credits per semester			95
Second semester (27 weeks)	Parallel module	Prerequisite(s)	Credits
DTT 480 Dietetics profession 480	-	4th-year status	4
CNT 480 Community nutrition 480	-	CNT 411	35
MNX 480 Medical nutrition therapy 480	-	MNX 411	50
FSS 480 Food service management 480	-	VDS 322, VDB 321	35
Total credits per semester			124
Total credits fourth year			219

H.21 Bachelor of Dietetics Honours [BDieteticsHons] Code (10240001)
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Also consult General Regulations.

(a) **Requirements for admission**

A BDietetics degree.

(b) **Duration**

One year of full-time study or a maximum of 5 semesters of part-time study.

(c) **Curriculum**

A student chooses honours modules to a total of credits determined by the head of the Department of Human Nutrition, in addition to (NME 713, 714) Research methodology 713, 714 (or a similar module) and other subsidiary requirements, in consultation with the head of the division, and depending on the prerequisites and field of specialisation. Before the degree is conferred, (STK 110) Statistics 110 or a similar module must be passed.

(d) **Degree with distinction**

The degree is conferred with distinction on a student who has obtained a weighted average of at least 75% in the programme.

H.22 Master of Dietetics [MDietetics]
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Also consult General Regulations.

(a) **Admission requirements**

- (i) Subject to the stipulations of General Regulation G.62, the minimum requirement is a Bachelor's degree in Dietetics, as well as registration as a dietician with the Health Professions Council of South Africa.
- (ii) At least one year of full-time practical experience after acquiring the qualification in terms of which admission to master's degree study is sought.
- (iii) Students are selected on the grounds of previous academic achievement.

(b) **Duration**

A maximum period of four years.

(c) **Curriculum**

MDietetics by virtue of research (Code 10259001)

- (i) Students must hold a recognised honours degree in Dietetics/Human Nutrition.
- (ii) (TNM 800) Applied research methodology 800 or an equivalent module must be passed.
- (iii) The master's degree is conferred by virtue of a dissertation (DEK 890) on an approved topic based on research. A minimum pass mark of 50% is required for the dissertation.
- (iv) **Degree with distinction**
The degree is conferred with distinction on a student who obtains at least 75% in the dissertation.

MDietetics by virtue of coursework (Code 10259002)

- (i) Students must hold a recognised Bachelor's degree in Dietetics/Human Nutrition.
- (ii) (TNM 800) Applied research methodology 800 or an equivalent module must be passed satisfactorily.
- (iii) For the coursework component, a student has to take compulsory modules to a total of 80 credits and choose modules (from elective modules) to a total of 120 credits. Any specific module is offered on condition that a minimum number of students is registered for the module, as determined by the Head of the department and the Dean. Students must consult the head of the division in order to compile a meaningful programme, as well as for information on the syllabi of the modules. The departmental postgraduate brochure should also be consulted.

Core modules	Credits (80 credits required)
DEK 880 Introduction to research and nutrition epidemiology 880	30
DEK 881 Nutritional assessment 881	30
DEK 882 Literature study 882	20
One topic of own choice from: Medical nutrition therapy/Community nutrition/ Food service system management	
Elective modules (2 out of 8 options)	Credits (40 credits required)
DEK 804 Immuno-nutrition 804	20
DEK 805 Sport nutrition 805	20
DEK 806 Nutrition counselling 806	20
DEK 807 Diet-related non-communicable lifestyle diseases 807	20
DEK 808 Nutrition support 808	20
DEK 883 Micro-nutrient malnutrition 883	20
DEK 884 Early childhood nutrition intervention 884	20
DEK 809 Nutri-genomics 809	
DEK 895 Essay: Dietetics 895	Credits 120

- (iv) A final mark of at least 50% is required to pass in the coursework. A minimum of 50% is required to pass in the essay.
- (v) **Degree with distinction**
The degree is conferred with distinction on a student who has obtained an average of at least 75% in the coursework as well as a minimum of 75% in the essay.

H.23 Master of Science [MSc] in Applied Human Nutrition

Also consult General Regulations.

Note:

All MSc students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption may be granted if the module has already been passed for the BScHons degree.) However, MSc(Pharmacology) students must register for FAR 872 instead of TNM 800.

(a) **Admission**

A recognised bachelor's degree in Medicine or in a supplementary health service profession; or a recognised and applicable bachelor honours degree of equivalent status as the BDietetics degree with regard to Physiology and Biochemistry.

(b) **Duration**

The maximum period for completion of the master's degree is four years. Subject to the stipulations of General Regulation G.32, the Chairperson of the School in question may, in consultation with the head of department, approve a fixed limited extension of the period on the grounds of extraordinary circumstances.

(c) **Curriculum**

TNM 800	Applied research methodology 800
DEK 884	Early childhood nutrition intervention 884
DEK 885	Human nutrition 885
DEK 886	Diet therapy 886
or	
DEK 887	Applied nutrition 887
DEK 888	Two literature studies 888
DEK 895	Essay 895

(d) **Degree with distinction**

The MSc in Applied Human Nutrition is conferred with distinction on a student who obtains an average of at least 75% in all the abovementioned modules and for the essay.

H.24 Doctor of Philosophy [PhD] (Code 10263061)

Also consult General Regulations.

Note:

Students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption will be granted if the module has been passed for the master's degree.)

Field of specialisation: Dietetics

(DEK 900) Examination: Dietetics 900 and
(DEK 990) Thesis: Dietetics 990.

H.25 Doctor of Science [DSc] (Code 10262001)

The degree is conferred by virtue of publications.
Consult General Regulation G.56.

Degree code for Dietetics: 10262001

Degree code for other fields: 10262000

H.26 POSTGRADUATE DIPLOMAS IN THE SCHOOL OF HEALTHCARE SCIENCES
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A. Postgraduate Diploma in Dietetics

Suspended until further notice.

B. Postgraduate Diploma in Vocational Rehabilitation [DVR] (Code 10220141)

(a) **Admission requirements**

- (i) Subject to the stipulations of General Regulation G.62, the BOccTher degree or an equivalent qualification as well as registration as an Occupational Therapist with the Health Professions Council of South Africa is required for admission.
- (ii) A student must fill at least a part-time post regarded by the head of department as appropriate for the field of study in question.

(b) **Duration**

At least one academic year, with presentation of the curriculum in four block weeks.

Note:

Commencement of studies must be discussed with the head of department, as the programme is presented every second year.

(c) **Curriculum**

The curriculum consists of a major subject and prerequisite subjects:

Major:	BRH 700	Vocational rehabilitation 700	(30 credits)
Prerequisite subjects:	GRA 701	Groups in occupational therapy	(30 credits)
		C.S. 701	
	WSD 701	Work study 701	(30 credits)
	FIA 702	Financial administration 702	(30 credits)

(d) **Total number of credits required**

120

(e) **Examinations**

The sequence of the examinations in the prerequisite subjects will be determined by the head of the department, depending on the candidate's choice of a major subject.

(f) **Diploma with distinction**

The diploma is awarded with distinction to a student who has obtained an average of at least 75% in all the subjects.

**C. Postgraduate Diploma in Interpersonal Communication and Group Techniques in Occupational Therapy
(Code 10220131)**

Discontinued until further notice.

**D. Postgraduate Diploma in Group Activities [DGA]
(Code 10220151)**

(a) **Admission requirements**

- (i) Subject to the stipulations of General Regulation G.62, the BOccTher degree or equivalent qualification as well as registration with the Health Professions Council of South Africa is required.
- (ii) A student must fill at least a part-time post regarded by the head of department as appropriate for the field of study in question.

(b) **Duration**

At least one academic year, with presentation of the curriculum in question in four block weeks.

(c) **Curriculum**

- (i) IKX 700 Interpersonal communication 700 (60 credits)
- (ii) GRT 700 Group techniques in occupational therapy 700 (60 credits)

(d) **Total number of credits required**

120

(e) **Examinations**

(i) **Admission**

A continuous evaluation mark of at least 50% as well as satisfactory class attendance is required for admission to the examination.

(ii) **Pass requirement**

A subminimum of 50% must be obtained in both the written and the oral/practical sections of the examination, with a final mark of at least 50% to pass.

(iii) **Second examination**

Students will be admitted to any second examination granted, six months after the original examination has taken place.

(f) **Diploma with distinction**

The diploma is issued with distinction to a student who obtains an average of at least 75% in all prescribed modules.

**E. Postgraduate Diploma in the Handling of Childhood Disability [DHCD]
(Code 10220171)**
(a) Admission requirements

- (i) A career-oriented bachelor's degree or an equivalent qualification which is regarded as applicable for admission to study by the head of department.
- (ii) At least one year professional experience after the degree or equivalent qualification has been obtained, in an area that is regarded as applicable by the head of department.
- (iii) A student must fill at least a part-time post regarded as appropriate by the head of department for the field of study in question.

(b) Nature and duration

The programme is presented in four block weeks during one academic year.

Note:

Commencement of studies must be cleared with the head of department as the programme is presented every second year.

(c) Curriculum

DCD 701	Normal development 701	(20 credits)
DCD 702	Identification 702	(30 credits)
DCD 703	Intervention for developmental disabilities 703	(35 credits)
DCD 704	Intervention for disabilities 704	(35 credits)

(d) Total number of credits required

120

(e) Examinations

Students are required to attend all lectures and practical work to the satisfaction of the head of department, for admission to the examination.

Examination in the written, oral and/or practical components of an examination must be passed with a final mark of at least 50%, to pass in the module in question.

(f) Diploma with distinction

The Diploma is awarded with distinction to a student who obtains an average of at least 75% in all the prescribed modules.

**F. Postgraduate Diploma in Hand Therapy [DHT]
(Code 10220161)**
(a) Admission requirements

- (i) Subject to the stipulations of General Regulation G.62, the BOccTher degree or an equivalent qualification, or the BPhysT degree or an equivalent qualification, is required for admission, as well as registration as an occupational therapist/physiotherapist with the Health Professions Council of South Africa.
- (ii) A student must fill at least a part-time position that is deemed by the head of department to be appropriate for the field of study in question.

(b) **Duration**

The programme extends over one academic year and is presented in four blocks. (The number of blocks and duration may be adjusted after consultation between the lecturers and students.)

Note:

Commencement of studies must be discussed with the head of department, as the programme is presented every second year.

(c) **Curriculum**

AAN 701	Anatomy 701	(10 credits)
FIP 701	Physiology and patho-physiology 701	(10 credits)
BEX 701	Biomechanics and ergonomics 701	(10 credits)
KVH 701	Clinical skills in hand therapy 701	(40 credits)
ADM 701	Advanced clinical management in hand therapy 701	(50 credits)

(d) **Total number of credits required**

120

(e) **Examinations**

(i) **Pass requirements**

In the case of a written and oral/practical examination, a subminimum of 50% is required in each of the written as well as the oral/practical sections of the examination, with a final mark (continuous evaluation mark and examination mark) of at least 50% to pass in a module.

(ii) **Admission to the examination**

Students must have attended all practicals and submitted all assignments, failing which admission to the examination will not be granted.

(iii) **Second examination**

The dates for second examinations are arranged in consultation with the head of department, with the proviso that this will take place not later than the next examination period.

(f) **Diploma with distinction**

The diploma is awarded with distinction to a student who obtains at least 75% in (ADM 701) Advanced clinical management in hand therapy 701, and an average of at least 75% in the other modules.

SCHOOL OF HEALTH SYSTEMS AND PUBLIC HEALTH

I. POSTGRADUATE DEGREES

P.1 Bachelor of Science Honours [BScHons]
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Also consult General Regulations.

(a) **Requirements for admission**

- (i) A candidate must hold a bachelor's degree deemed acceptable by the head of department for the proposed field of study, or an equivalent qualification deemed acceptable by the Senate of the University for the proposed field of study, with at least one applicable biological subject as major subject.
- (ii) Admission to the study for an honours degree is subject to the approval of the head of department: with the proviso that a candidate who has obtained an average of less than 60% in the modules of his or her major subject in the final year of the bachelor's degree study, may only be admitted with the **Dean's approval**, on the recommendation of the head of department. Additional requirements may be set by the head of department.
- (iii) Admission requirements for the honours degree programme in the field of Biostatistics:
In order to be eligible to enrol for the BScHons in Biostatistics, candidates must have a bachelor's degree with Statistics as a major subject on 100, 200 and 300 level.

(b) **Duration**

One year of full-time study
Two years of part-time study

(c) **Curriculum**

- (i) In the School of Health Systems and Public Health, the BScHons degree is conferred in the following field of study:

Field of study	Degree code	Module code
Biostatistics	10244010	BOS 700

(ii) **The following requirements are set:**

- Advanced instruction by means of self-tuition and four compulsory seminars of which at least one must be read to and defended before the department in question, on topics assigned to the student.
- Attendance at the compulsory faculty module (TNM 800) Applied research methodology 800.
- Taking part in a research project and presentation of an independent research report.
- Satisfactory attendance at a library-user course.

(d) **Examinations**

- (i) The honours examination consists of two written papers of three hours each as well as an oral examination of 30 minutes. One written examination in Biostatistics of three hours must be passed with at least 60%.

- (ii) To comply with the pass requirements for the degree, a student must obtain a final mark of at least 50% in each division as indicated, as well as a pass mark of at least 50% for the essay/work assignment (if applicable). The stipulations regarding pass requirements for dissertations in General Regulation G.60.2.1.2(a) apply *mutatis mutandis* to essays.
- (e) **Degree with distinction**
The degree is conferred with distinction on a student who has obtained an average of at least 75% in the examination (written, oral, practical, etc.).

P.2 Master of Science [MSc]

Also consult General Regulations.

- (a) **Admission requirements**
Subject to the stipulations of General Regulation G.62, a four-year bachelor's degree is required, or an honours degree, or in the case of a three-year bachelor's degree, also applicable practical (work) experience as prescribed by the University, plus any other additional work deemed necessary by the head of department: With the proviso that the head of department will have the discretion to decide whether the prerequisite qualification, or the qualification plus work experience would be acceptable for admission to the proposed field of study.

In the case of the field of study Biostatistics, an applicable honours degree is required, with Statistics at honours level.

Note:

All MSc students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption may be granted if the module has already been passed for the BScHons degree.)

- (b) **Duration**
The maximum period for completion of the master's degree is four years. Subject to the stipulations of General Regulation G.32, the Chairperson of the School may, in consultation with the head of department, approve a fixed limited extension of the period on the grounds of extraordinary circumstances.
- (c) **Research protocol**
After registration, a student is required to submit a complete research protocol regarding the proposed dissertation to the Academic Advisory Committee and if necessary, also to the Ethics Committee for approval.
- (d) **Fields of study**
The MSc degree is conferred in the following fields of study in the School of Health Systems and Public Health:

Field of study	Degree code	Module codes	Dissertation code
Biostatistics (Public Health)	10253110	See par. (e)	See par. (e)
Clinical Epidemiology	10253331	See par. (e)	See par. (e)
Community Health	10253291	See par. (e)	See par. (e)
Epidemiology	10253321	See par. (e)	See par. (e)

(e) Curriculum

MSc in Epidemiology		
Module code	Module	Credits
HMS 871	Fundamental modules: Scientific writing 871	2
PHM 870	Learning in public health 870	5
TNM 800	Applied research methods 800	5
	Subtotal:	12
	Core modules for this specialisation:	
BOS 870	Biostatistics (Part 1) 870	10
BOS 871	Biostatistics (Part 2) 871	10
DEG 870	Principles of demography 870	5
EHM 872	Methods in exposure assessment 872	10
EPM 871	Epidemiological study design 871	5
EPM 874	Disease surveillance 874	5
HME 870	Introduction to health measurement 870	10
	Subtotal:	55
	Elective modules:	
BOS 873	Survival analysis 873	5
CDE 870	Principles of chronic disease epidemiology 870	5
EHM 871	Health risk assessment 871	10
EOM 870	Environmental epidemiology 870	10
EPM 870	Analytical epidemiology 870	5
EPM 873	Conducting surveys 873	15
HME 873	Monitoring and evaluation 873	15
QHR 870	Qualitative research methods 870	10
TQM 870	Principles of quality assurance 870	10
	Subtotal elective modules required:	15
	Minimum total coursework required:	80
EPI 890	Dissertation 890	100

MSc in Clinical Epidemiology		
Module code	Module	Credits
HMS 871	Fundamental modules: Scientific writing 871	2
PHM 870	Learning in public health 870	5
TNM 800	Applied research methods 800	5
	Subtotal:	12
	Core modules for this specialisation:	
BOS 870	Biostatistics (Part 1) 870	10
BOS 871	Biostatistics (Part 2) 871	10
CLI 870	Principles of clinical epidemiology 870	10
CLI 871	Evidence-based medicine 871	10
EPM 870	Analytical epidemiology 870	5
EPM 871	Epidemiological study design 871	5
HME 870	Introduction to health measurement 870	10
	Subtotal:	60

BOS 873	Elective modules: Survival analysis 873	5
CDE 870	Principles of chronic disease epidemiology 870	5
EHM 871	Health risk assessment 871	10
EHM 872	Methods in exposure assessment 872	10
QHR 870	Qualitative research methods 870	10
	Subtotal electives required:	10
	Minimum coursework required:	80
KEM 890	Dissertation 890	100

MSc in Community Health		
Module code	Module	Credits
	Fundamental modules:	
HMS 871	Scientific writing 871	2
PHM 870	Learning in public health 870	5
TNM 800	Applied research methods 800	5
	Subtotal:	12
	Core modules for this specialisation:	
BOS 870	Biostatistics (Part 1) 870	10
HME 870	Introduction to health measurement 870	10
QHR 870	Qualitative research methods 870	10
	Subtotal:	30
	Elective modules for students interested in monitoring and evaluation:	
BOS 871	Biostatistics (Part 2) 871	10
DEG 870	Principles of demography 870	5
EPM 873	Conducting surveys 873	15
EPM 874	Disease surveillance 874	5
HME 873	Monitoring and evaluation 873	15
		50
	Elective modules for students interested in Environmental Health:	
EHM 871	Health risk assessment 871	10
EHM 872	Methods in exposure assessment 872	10
EHM 873	Environmental endocrine disruption and health 873	5
EOH 871	Introduction to toxicology 871	5
EOM 870	Environmental epidemiology 870	10
EPM 871	Epidemiological study design 871	5
EPM 873	Conducting surveys 873	15
	Subtotal electives required:	40
	Minimum coursework required:	80
GGG 890	Dissertation 890	100

MSc in Biostatistics (Public Health)	
Information on the content of this area of specialisation is available on request from the School of Health Systems and Public Health.	

(f) Pass requirements

- (i) The minimum pass mark for a module is 50%.
- (ii) The prescribed modules must be passed independently of each other.
- (iii) Second examinations in the modules are arranged by the head of department, within a period of time specified by him or her.
- (iv) No second examinations will be granted in modules in which less than 40% has been obtained. Instead, the module must be repeated in its entirety.
- (v) Only with the approval of the Chairperson of the School, on the recommendation of the head of department, will a student be allowed to continue his or her studies after having failed two modules (or the same module twice).

(g) Dissertation

A dissertation on an approved research project must be passed in addition to the coursework. The stipulations of General Regulation G.57.3 regarding the preparation and submission of a dissertation apply; also the stipulations of General Regulation G.58 regarding the technical editing of the dissertation; and G.59 regarding the résumé of the dissertation.

A systematic literature review (Cochrane type) on an approved subject, which is undertaken in such a manner that bias is minimised, may be presented as an alternative to the **dissertation** for awarding the MSc in Clinical Epidemiology. It requires, inter alia, a research protocol with clearly formulated objectives and methods. Inclusion and exclusion methods for the study must be determined. Where applicable, the data must be summarised (meta analysis), with applicable statistical methods.

(v) Evaluation and degree with distinction

The average mark of the modules, weighted in respect of the number of credits acquired for each individual module, will be the final mark (%) of the coursework.

The degree is conferred with distinction on a student who obtains an average mark of at least 75% in the coursework, as well as a final mark of at least 75% for the dissertation.

P.3 Master of Medicine [MMed]**Regulations and curriculum****Please note:**

- (i) All MMed students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily.
- (ii) A **systematic literature review** (Cochrane type) on an approved subject, which is undertaken in such a manner that bias is minimised, may be presented as an alternative to the **dissertation** for awarding the MMed (Public Health Medicine) degree. It requires, inter alia, a protocol with clearly formulated objectives and methods. Inclusion and exclusion methods for the study must be determined. Where applicable, the data must be summarised (meta analysis), with applicable statistical methods.

he MMed degree in the School of Health Systems and Public Health is conferred in the following field:

Public Health Medicine – [MMed (Public Health Medicine)]

(a) **Requirements for admission**

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

(b) **Duration**

- (i) The training for the degree extends over four years in accordance with the requirements of the Department of Public Health Medicine.
- (ii) "Major subject" refers to the recognised field of study in Medicine in which the student specialises. The study of the major subject extends over four years, as prescribed by the Department of Public Health Medicine.

(c) **Each student must prove to the University that he or she**

- (i) has successfully filled the required full-time training post for a period of four years according to the requirements of the department of Public Health Medicine, at the Steve Biko Academic Hospital or Kalafong Hospital or at an institution recognised by the University as equivalent;
- (ii) has completed the theoretical, practical, clinical and applicable training as stipulated in Reg. P.3 (b) above; and
- (iii) has passed the prescribed written, oral, practical and/or clinical university examinations.

(d) **Exemption**

- (i) The Faculty Board may grant partial exemption from the training and work mentioned under par. (b) and (c)(i) and (ii) above on the grounds of comparable training and experience completed in another post or at another recognised institution – with the proviso that exemption from a maximum period of 18 months may be granted in the case of a four-year programme such as the MMed (Public Health Medicine) degree programme.
- (ii) Exemption from a maximum of two years' Public Health Medicine training may be granted in the Department of Public Health Medicine in respect of the MMed(Public Health Medicine) degree, to a candidate already in possession of a Fellowship of the College of Public Health Medicine or a Fellowship of the College of Occupational Health Medicine of the Colleges of Medicine of South Africa. Such a candidate must have completed a period of at least 24 months of registrar training in Public Health Medicine or in Occupational Health Medicine that is recorded as such by the HPCSA.

(e) **Curriculum**

The curriculum consists of the major subject and its prerequisites:

(i) **Public Health Medicine (Code 10250372)**

**Table 1: Assessments for the major subject:
(GGS 800) Public health medicine 800**

Components of assessments for GGS 800	Percentage of final mark
Continuous formative assessments	15
Short publishable report	15
Three written examination papers (Paper 1, 2, 3)	48
Oral examination	<u>22</u>
Final mark for GGS 800:	100
<input type="checkbox"/> A pass mark in (GGS 800) Public health medicine 800, is a final mark of at least 50%.	
<input type="checkbox"/> The three written examination papers and the oral examination shall be undertaken in one examination period.	
<input type="checkbox"/> The three written examination papers (Paper 1,2,3) are equally weighted.	

A student must also submit and pass a dissertation (GGS 890) or a literature review (Cochrane type) on an approved topic as indicated in Reg. P.3 (iii) above, before the degree will be conferred.

A student, who passes all the components of the College of Public Health Medicine (CPHM) assessments of the Colleges of Medicine of South Africa (CMSA) during the period of registrar training shall be credited for the major subject (GGS 800) and thus be exempted from undertaking assessments for GGS 800. Such a student will still have to pass the dissertation (GGS 890), or a systematic literature review as described under Reg. P.3 (iii) above, to fulfil the degree requirements.

The prerequisites for the specialisation are shown in Table 2 below.

Table 2: Prerequisites

Code	Prerequisite subject	Alternative
EBD 800*	Epidemiology, biostatistics and demography 800	Full credits for all the modules listed under (EBD 800) Epidemiology, biostatistics and demography 800 in Table 3 below.
ONO 800*	Communicable and non-communicable health-related conditions 800	Full credits for all the modules listed under (ONO 800) Communicable and non-communicable health-related conditions 800 in Table 3 below.
ASW 800*	Paper 1 of ASW 800: Health legislation, health policy and health systems management	Full credits for all the modules listed under Health legislation, health policy and health systems management of ASW 800 in Table 3 below.
	Paper 2 of ASW 800: Social and behavioural sciences	Full credits for all the modules listed under Social and behavioural sciences of ASW 800 in Table 3 below.
In addition to these, the following modules are compulsory: <ul style="list-style-type: none"> <input type="checkbox"/> (PHM 870) Learning in public health 870 (must be taken at the commencement of training). <input type="checkbox"/> (HMS 871) Scientific writing 871. 		

*Consult Reg. P.3(d)(iii) in respect of the period in which the examination must be sat.

Exemption credits in respect of each of the three prerequisite subjects (EBD 800, ASW 800 and ONO 800) will be granted to a student who has successfully completed the requirements for all the modules listed under each of the corresponding subjects as indicated below:

Table 3: Alternatives to the prerequisite subjects:

(EBD 800) Epidemiology, biostatistics and demography 800	(ONO 800) Communicable and non- communicable health-related conditions 800	(ASW 800) Paper 1: Health legislation, health policy and health systems management	(ASW 800) Paper 2: Social and behavioural sciences
(HME 870) Introduction to health measurement 870	(CDT 870) Infectious disease epidemiology 870	(HCM 870) Introduction to health management 870	(SCP 871) Sexual and reproductive health 871
(BOS 870) Biostatistics (Part 1) 870	(CDE 870) Principles of chronic disease epidemiology 870	(HCL 870) Legislation and health 870	(SCM 870) Society and health 870
(BOS 871) Biostatistics (Part 2) 871	(EOM 870) Environmental epidemiology 870	(PCM 870) Introduction to primary healthcare 870	(SCM 872) Introduction to mental health 872
(DEG 870) Principles of demography 870	(CDS 871) Outbreak investigation and control 871	(HCM 872) Health policy and systems 872	(HRM 870) Principles of human resource management 870
(EPM 871) Epidemiological study design 871	(CDX 870) Prevention and control of HIV 870	(HCM 872) Health policy and systems 872	(SCP 870) Health promotion 870
(EPM 874) Disease surveillance 874	(AHM 870) Reproductive health epidemiology 870	(HCI 870) Health systems operational management 870	(SCP 872) Health promotion in practice 872
(EHM 871) Health risk assessment 871	(EHM 872) Methods in exposure assessment 872	(HCF 870) Financial management in public sector 870	(SCC 871) Communicatin g health messages 871

(EPM 873) Conducting surveys 873	(EOH 870) Introduction to environmental and occupational health 870	(TQM 870) Principles of quality assurance 870	(QHR 870) Qualitative research methods 870
(EPM 870) Analytical epidemiology 870	(EOH 871) Introduction to toxicology 871	(HCS 870) Project management for health 870	(HET 870) Public health ethics and human rights 870
(HME 873) Monitoring and evaluation 873	(EHM 873) Environmental endocrine disruption and health 873	(HCE 870) Introduction to health economics 870	(DEG 870) Principles of demography 870
In addition to these, the following modules are compulsory: <input type="checkbox"/> (PHM 870) Learning in public health 870 (must be taken at the commencement of training). <input type="checkbox"/> (HMS 871) Scientific writing 871.			

Duration of training: Four years.

(f) **Examinations**

- (i) The sequence of the examinations in the prerequisite subjects will be determined by the head of the department of Public Health Medicine.
- (ii) The nature, duration and time of the examinations in the prerequisite subjects are determined in cooperation with the heads of the departments under which the prerequisite subjects fall – with the proviso that, except in cases where stipulated otherwise, the examinations in the prerequisite subjects may be held at any time prior to or concurrently with the major subject. The examinations in the major subject are held at the end of the third year and not before.
- (iii) A minimum final mark of 50% is required to pass in a subject and in the clinical section of the examination, a subminimum of 50%. General Regulation G.12 applies.
- (iv) A student is not admitted to the examination in a prerequisite subject (second examinations excluded) more than twice, nor is he or she admitted to the examination in the major subject more than twice.
Note: Certificates of satisfactory preparation and progress are required in respect of the fourth year of a four-year programme in which the examination is held at the end of the third year.

(g) **Second examinations**

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

(h) **Conferment of the degree/Degree with distinction**

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

(i) **General**

Registrars are expected to participate increasingly in the examining and treatment of patients in the hospital, both in-patients and out-patients; initially under supervision and later increasingly at their own responsibility. Lectures/symposia with closely related departments are organised, as well as discussions of literature, etc.

P.4 Master of Public Health [MPH] (Code 10256501)
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Also consult General Regulations

(a) **Admission requirements**

A candidate for admission to the study for the Master's degree in Public Health must be in possession of:

- a four-year bachelor's degree; plus at least two years' applicable practical (work) experience; or
- an honours degree; or
- a three-year bachelor's degree plus at least five years' applicable practical (work) experience.

(b) **Registration as a special student in the Faculty in order to pass a status examination**

(i) Candidates will be required to first register as a special student in the Faculty, in order to pass in a status examination, in the following instances:

- A three-year bachelor's degree with less than five years' applicable practical (work) experience; or
- A four-year bachelor's degree with less than two years' applicable practical (work) experience; or
- Any applicant in possession of an approved bachelor's degree, who the School's Selection Committee deems fit to register as a special student.

N.B.:

- In accordance with the criteria of the Senate of the University, the applications for admission of all such candidates must, apart from any Faculty requirements, also be submitted to the University Senate for approval.
- All candidates accepted for postgraduate study (MPH or the Postgraduate Diplomas) must be in possession of a **National Senior Certificate with admission for degree purposes**.

(ii) **Pass requirements for the status examination**

- At least 60% must be obtained in the status examination.
- The status examination will be written in June.

(iii) The application of a student who has passed the status examination must be submitted to the Senate of the University for approval. Successful students may then enrol for the degree programme in the following academic year.

(c) **Other selection criteria**

(Each on a scale of one to five.)

- Academic merit
- National/International need for public health
- Under-represented groups in public health
- Public health related employment
- Track record – e.g. employment, academic, community-building, etc.

(d) Duration of programme

- (i) Two years of full-time, or a maximum of four years part-time study.
- (ii) In exceptional cases the Dean, on the recommendation of the Chairperson: School of Health Systems and Public Health, may allow a student to complete the degree programme in one year.

(e) Curriculum and general information

- (i) The MPH programme comprises the following four components:
 - Core modules
 - Compulsory area of concentration or specialisation and elective modules
 - Integrative case studies
 - Research paper.
- (ii) **The credits are divided between the different components of the MPH as follows:**

MPH component	Credits	%
Core modules	60	30
Integrative case study (2 of 5 credits each)	10	5
Compulsory area of concentration or specialisation and elective modules	80	40
Research paper	45	22,5
TNM 800	5	2,5
Total	200	100

(iii) Core modules

Module code	Module name	Credits
PHM 870	Learning in public health 870	5
HME 870	Introduction to health measurement 870 (Week 1 and 2)*	10
DEG 870	Principles of demography 870	5
BOS 870	Biostatistics 870 (Week 1 and 2)*	10
HCM 870	Introduction to health management 870 (Week 1 and 2)*	10
CDC 870	Introduction to disease control 870	5
EHM 870	Basis of environmental health 870	5
PCM 870	Introduction to primary healthcare 870	5
SCM 870	Society and health 870	5
Total		60

*Week 1 and 2 form one module of 10 credits, and cannot be taken separately.

(iv) Compulsory area of concentration or specialisation and elective modules:

The following areas are available:

- Health measurement – Epidemiology and biostatistics
- Health measurement – Monitoring and evaluation
- Health policy and management
- Environmental and occupational health
- Disease control
- Health research ethics
- Health promotion

Information regarding the content of each area of concentration or specialisation is available on the website of the School of Health Systems and Public Health (<http://shsph.up.ac.za>)

(v) **Integrative case studies**

Two integrative case studies are compulsory for all MPH students and students should only enrol for these modules once 25% of the programme has been completed. These case studies are thematic in nature and themes are never repeated. For this reason, students may enrol for an integrative case study with the same code in a subsequent year.

Module code	Module name	Credits
ICX 870	Integrative case study 870	5
ICX 871	Integrative case study 871	5
ICX 872	Integrative case study 872	5
ICX 873	Integrative case study 873	5
ICX 874	Integrative case study 874	5
ICX 875	Integrative case study 875	5

(f) **Research report**

- (i) The MPH degree consists of coursework (75%) and a research component (25%). The research paper contributes 45 credits (the equivalent of 450 notional hours of learning according to SAQA criteria).
- (ii) The expected outcome of the research paper is that the student will be able to identify and investigate health and health systems problems in a comprehensive manner, and that he or she will be able to (i.e. begin to) formulate appropriate interventions.
- (iii) The student's research protocol is submitted for approval to the Academic Programme Committee (APC) of the School, prior to submission to the Health Sciences Research Ethics Committee.

(g) **Examinations and pass requirements**

(i) **Examination of modules**

- (aa) Each module has its individual (own) evaluation, which may consist of more than one mode of evaluation. **To pass in a module, a student must obtain a minimum pass mark of 50%.**
- (bb) If a student fails a module but obtains 40% to 49%, a second examination in the module in question must be written. The student must arrange with the lecturer who presents the module, in consultation with the Academic Programme Coordinator, in this regard.
- (cc) If a student fails a module but obtains a mark of less than 40%, the module must be repeated in full in the following year.
- (dd) If a core module is still not passed after two attempts, the student will not be allowed to continue with the MPH programme.
- (ee) A compulsory module in the student's area of concentration can only be repeated once. If it is not passed after the second attempt, the student will be requested to change the area of concentration. If the student fails after two attempts in the second area of concentration, he or she will not be allowed to continue with the MPH programme.
- (ff) If an elective module is failed after two attempts, the student will have to select another elective module.

- (ii) **Final examinations for the MPH**
 - (aa) Other than summarising the total of marks obtained for modules, the MPH has an additional evaluation of its coursework, consisting of two comprehensive examinations. The decision as to whether these examinations will be written or conducted orally, lies with the examiners.
 - (bb) The first examination will take place after completion of the compulsory core modules and covers the basic knowledge in Public Health.
 - (cc) The second examination will take place at the end of the MPH programme and covers the modules taken as part of a specialisation or an area of concentration.
 - (dd) The minimum pass mark for each examination is 50%. If a student fails either of the examinations, he or she will be required to rewrite in the next examination period. If a student fails for the second time he/she may not continue with the MPH programme.
 - (iii) **Examination of research paper**
The research paper must be passed independently with at least 50%.
- (h) **Concurrent registration for two study programmes**
- (i) In accordance with the stipulations of General Regulation G.6, which is *mutatis mutandis* applicable in the case of postgraduate diploma study, the permission of the dean is required for concurrent registration, subject to the regulations applicable to the fields of study in question and to any other stipulations the dean may prescribe. Such a concession may be withdrawn by the dean if the student does not perform satisfactorily – all assignments and coursework must be completed on time. Concurrent registration will not be accepted as a reason for poor performance or not meeting deadlines for both study programmes.
 - (ii) In the case of registering concurrently for two study programmes in the School of Health Systems and Public Health and elsewhere, students must obtain the written consent of both the coordinator of their current programme and the coordinator of the second programme (or the track co-ordinator in the case of the MPH), and submit it with a substantiating letter to the School's Academic Programme Committee, for recommendation by the Chairperson of the School, after which the application is submitted to the Dean for approval.
 - (iii) The School of Health Systems and Public Health states that concurrent registration for two study programmes **is a privilege and not a right**. Concurrent registration must be applied for annually and is granted based on academic performance in the primary degree/diploma programme.
 - (iv) If the current field of study is a master's degree, then the second field of study can be a postgraduate diploma.
 - (v) If the current field of study is a postgraduate diploma, then the second field of study can be another postgraduate diploma.
- (i) **Degree with distinction**
The degree will be conferred with distinction on a student who has a final mark of at least 75% for the research paper and an average of at least 75% for the combination of coursework and examinations.

P.5 Doctor of Philosophy [PhD]

Also consult General Regulations.

Please note: All PhD students must register for, and attend TNM 800 Applied research methodology 800 satisfactorily. (Exemption will be granted if Applied research methodology 800 had been passed for the master's degree.)

- (a) Subject to the stipulations of General Regulations G.45 and G.62, a candidate will only be admitted to the studies for the doctoral degree if he or she holds a MBChB or a master's degree or has been granted the equivalent status.
- (b) **A PhD student must**
 - (i) under the supervision of a supervisor at the University or another institution approved by the Senate, undertake original research to the satisfaction of the examiners; and
 - (ii) submit a thesis which will prove, according to the opinion of the examiners, that he or she has, on the grounds of independent critical judgement, made a distinct contribution towards the enrichment of knowledge in the chosen subject.
- (c) A student for the PhD degree must be registered for the doctoral degree study at the University for at least one academic year before the degree can be conferred.
- (d) The PhD degree is conferred by virtue of a thesis and, should the Dean deem it necessary, an examination on the field of study of the thesis.
- (e) A complete research protocol regarding the proposed thesis (as well as the curriculum vitae of the candidate) must be submitted to the Academic Advisory Committee and, if necessary, also to the Ethics Committee for approval. The thesis must deal with a problem from a field of study in Health Systems and Public Health and must satisfy the supervisor and the examiners that it represents advanced original research and/or creative work in the field of Health Systems and Public Health. It must give an overview of the literature that was used on the topic and contain a description of the observations made and experiments done by the student, as well as a discussion of the conclusions reached.
- (f) The doctoral examination will be oral and/or written and will deal with the content of the thesis as well as those subdivisions of the field of study on which the thesis is based, if requested.
- (g) The maximum period for completion of a doctoral degree is five years. Under exceptional circumstances, a student may apply to the head of the department, in writing, for a fixed, limited extension of this period.
- (h) The following additional requirements are set in respect of the PhD degree completed in the School of Health Systems and Public Health:
 - (i) All PhD students in the School are required to register as a Health Sciences Special (Postgraduate) student for the first year. This will allow the student time to complete any additional coursework the head of department and/or supervisor may require to be completed and which is deemed applicable to the particular research field, and to prepare a pre-final research protocol.

- (ii) A review will be done by a school committee and only students who have made adequate progress will be allowed to register as a PhD student in the following year.
- (i) The PhD degree can be obtained in the following fields of study in the School of Health Systems and Public Health:

Field of study	Degree code	Examination code	Thesis code
Community Health	10260401	GGG 900	GGG 990
Environmental Health	10260405	OGH 900	OGH 990
Epidemiology	10260404	EPI 900	EPI 990
Health Systems	10260402	GSL 900	GSL 990
Public Health	10260403	OGD 900	OGD 990

II. POSTGRADUATE DIPLOMAS

P.6

- A. **Postgraduate Diploma in Tropical Medicine and Health [DTM&H]**
(Code 10220063)
- B. **Postgraduate Diploma in Public Health [DPH]**
(Code 10220093)
- C. **Postgraduate Diploma in Public Health Medicine [DipPHM]**
(Code 10220094)
- D. **Postgraduate Diploma in Health Systems Management [DHSM]**
(Code 10220073)
- E. **Postgraduate Diploma in Occupational Medicine and Health [DOMH]**
(Code 10220083)
- F. **Postgraduate Diploma in Occupational Health [DipOH]**
(Code 10220084)
- G. **Postgraduate Diploma in Clinical Evidence and Healthcare [DipCEH]**
(Code 10220074)

Also consult General Regulations.

Requirements and regulations common to all these diplomas

(a) Requirements for admission

For admission to the Postgraduate Diplomas in Tropical Medicine and Health, Occupational Medicine and Health, Clinical Evidence and Healthcare, and Public Health Medicine, the MBChB degree or an equivalent qualification with a completed internship of at least one year, plus professional (work) experience (post-internship) of at least one year that is regarded as applicable by the Head of the Department of Public Health Medicine or the Chairperson of the School of Health Systems and Public Health, is required.

For admission to the non-medical Postgraduate Diplomas in Health Systems Management and in Public Health, the following is required:

- A four-year bachelor's degree, plus at least two years' applicable work experience; **or**
- A three-year bachelor's degree plus at least five years' applicable work experience.

(b) **Duration**

The diploma programmes can only be taken on a part-time basis and the training will extend over at least two academic years, except for the DTM&H which will extend over at least one academic year. Students may, with the approval of the Head of the Department of Public Health Medicine or the Chairperson of the School of Health Systems and Public Health, register simultaneously for Part I and Part II of a diploma which extends over two academic years.

(c) **Registration as a special student in the Faculty in order to pass a status examination**

The stipulations of Reg. P.4(b)(i) (with relevant footnote), and (ii)-(iii) apply *mutatis mutandis* to the postgraduate diplomas in question.

(d) **Other selection criteria**

The stipulations of Reg. P.4(c) apply *mutatis mutandis* to the postgraduate diplomas in question.

(e) **Concurrent registration for two study programmes**

The stipulations of Reg. P.4(h)(i)-(v) apply *mutatis mutandis* to the postgraduate diplomas in question.

(f) **Curriculum**

A curriculum comprises prescribed modules and/or a research report compiled in conjunction with the head of department or Chairperson of the School. Details regarding the curriculum and syllabuses are published in a brochure which is available on request from the department or School.

(g) **Examinations**

Students must attend all lectures and practical classes to the satisfaction of the head of department or the Chairperson of the School before they will be admitted to the examinations. Written, oral and/or practical examinations must be passed in all the modules.

(h) **Pass requirements**

- (i) The minimum pass mark for prescribed modules is 50%.
- (ii) Only with the approval of the Chairperson of the School, on the recommendation of the head of department, will a student be allowed to continue his or her studies after having failed two modules (or the same module twice).
- (iii) A second examination in a module is arranged in conjunction with the head of department.

(i) **Diploma with distinction**

A diploma is awarded with distinction to a student who has obtained an average of at least 75% in all the modules.

SCHOOL OF MEDICINE

DEGREES AND POSTGRADUATE DIPLOMAS IN MEDICINE
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I. UNDERGRADUATE AND POSTGRADUATE DEGREES
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M.1	Bachelor of Medicine and Surgery [MBChB] (Code 10130001)
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Also consult General Regulations.

Note:

1. A National Senior Certificate with admission for degree purposes is required, with Mathematics, Physical Science, English (at Home Language level or First Additional Language level) and another language (at Home Language level or First Additional Language level) with minimum pass marks in these subjects as required according to the different categories of the selection procedure.
2. A selection of candidates takes place (consult General Information).
3. Each student in Medicine must apply to the Registrar of the Health Professions Council of South Africa for registration as a student in Medicine, immediately after admission to the first year of study.
4. After obtaining the degree, a student must register with the Health Professions Council of South Africa as an intern, and complete at least one year of training at an institution approved by the abovementioned Council for this purpose. (Students who qualify after July 2006, will have a compulsory two-year internship.) After this, he or she must register with the Council as a physician and complete one year of community service before he or she may work in private practice.
5. Total number of credits required for degree purposes (CIL and EOT modules excluded):

▪ Fundamental modules:	246
▪ Core modules:	905
▪ Elective modules:	59
Total:	1 210

(a) **Duration and programme design**

Six years of full-time study. The integrated outcomes-based problem-oriented programme consists of theoretical blocks, special activities (SAs) and clinical rotations. During the final 18 months, referred to as the Student Intern Complex (SIC), all the programme activities take place in the clinical settings.

(b) **Passing a block/special activity in the MBChB degree programme**

- (i) A **block mark** is calculated from the continuous evaluation opportunities during the course of the presentation of the block or special activity in question. These evaluations shall include one or more of the following:
 - (aa) Evaluations regarding theoretical knowledge.
 - (bb) Evaluations regarding clinical knowledge and skills.
 - (cc) Compulsory attendance of, and active participation in prescribed activities.
 - (dd) A final comprehensive block test moderated by external examiners.

- (ii) Students may exercise the option to have the block mark at the **end of the year** validated as the **final block mark** for the block in question (i.e. they are exempted from the block examination for this block), provided that they comply with the following requirements:
 - (aa) The abovementioned block mark is more than 60%.
 - (bb) Proven attendance of all applicable block-specific activities, namely:
 - All tests/continuous evaluations.
 - All practicals and morning ward-round activities.
 - All relevant skills laboratory activities.
 - All relevant community-based education activities.
 - All clinical rotations.
 - (cc) A pass mark in the clinical rotation test.
 - (dd) Attendance of the block in question from day 1.
 - (ee) No conviction by the Faculty Preliminary Disciplinary Committee (Student offences), of any form of dishonesty or fraud.
- (iii) A **block examination** is granted to all registered students regardless of the block mark.
- (iv) The **final block mark** is calculated from the block examination mark and the block mark (continuous evaluation) in a 50:50 or 60:40 ratio, depending on the year of study and/or block-specific regulations. The formula according to which the final block mark is calculated will be set out in the block book (study guide) and communicated to students at the commencement of the programme.
- (v) **In order to pass** in a block/special activity in which a clinical component is included, a **subminimum of 50% is required for the block examination mark**, implying that a student who obtains a block mark of more than 50% and a block examination mark of less than 50%, with a final block mark of more than 50%, fails the block and will thus be admitted to a second examination.
- (vi) Regarding the **Longitudinal Clinic Attachment Programme (L-CAS activities)** of an academic year (module code LCP 180, 280, 380, 480 and 580), students must hand in a portfolio at the end of the academic year which will be assessed. Satisfactory attendance will furthermore be required regarding this module to pass the year.
- (vii) A **second examination** in a block will be granted to all students who fail the block.
- (viii) As a rule, the **second examination** in question will take place in November/ December of the same year, or in January of the following year. However, this regulation is not applicable to the end of the first semester of MBChB V (refer par (o) (iii)). A minimum of 50% is required in order to pass in the second examination.
- (ix) An **aegrotat or extraordinary examination** granted to a student who could not participate in the block examination due to illness or other acceptable reasons, will take place during the second examination period. Students must apply formally for such an examination, and admission to the examination is approved by the Chairperson of the School or his/her authorised person. Where applicable, the Chairperson of the School may first require a recommendation from the Faculty Health Committee before approving an application for admission to an aegrotat.
All modalities of a final examination must be completed jointly as an aegrotat or an extraordinary examination, even if part of it has already been

completed as part of the examination sat in the previous examination period. The **final block mark** is calculated from the marks of all the divisions/modalities of the aegrotat or extraordinary examination and the block mark in question (continuous evaluation mark). The same criteria set for a final mark in a block, are applicable in this case.

Note: No special **dates** will be arranged for an aegrotat/extraordinary examination. These examinations will only take place on the scheduled dates for regular first/second examinations.

- (x) Aegrotat/extraordinary **tests** are not allowed for the MBChB degree programme. Students who have acceptable reasons for being absent from tests, will of course have no block mark, and a pass in the block(s) will depend totally upon the block examination mark.
- (c) **Repeating blocks and/or special activities (and thus the year of study) in the MBChB degree programme**

A student who has failed one or more blocks and/or special activities in a year of study, must repeat the year of study. However, such a student will be exempted from the blocks and/or special activities passed in the previous (failed) year.

The Examination Moderating Meeting and/or the Chairperson of the School of Medicine, reserves the right to only award a pass mark to the said blocks and/or special activities should the student comply with the following requirements in respect of the blocks and/or special activities in question:

- That the mark awarded to the said block or special activity was not awarded on the grounds of condonement.
- That the student's performance in the progress tests (general and discipline-specific) had been satisfactory during the course of the year. A student must obtain the status of "Satisfactory Progress" in the progress test as a prerequisite to graduation. The progress test is written by all students, from the second semester of the first year of study up to and including the first semester of the fifth year of study. A student who has not reached the status of "Satisfactory Progress" at that stage, must continue writing the progress test each semester until the status in question has been obtained.
- That the student's attendance of the said block and/or special activity was satisfactory, that he or she participated in all other activities and complied with all other requirements.

- (d) **Examinations and pass requirements**

In accordance with the stipulations of General Regulation G.10(2), no minimum year or semester mark is required for admission to the examination: Provided that the different year and semester modules in a School need not be handled in the same manner, although a considerable degree of uniformity is advisable.

The stipulation that students be admitted to the examination without reservation, is supported. A **final block mark** in the relevant module is, however, calculated from the block examination mark **as well as** the block mark compiled from **continuous evaluation** during the presentation of the module (i.e. the semester, year, module or block mark). The latter is calculated from the marks obtained in one or more of the undermentioned:

- (a) Evaluations of theoretical knowledge.
- (b) Evaluations of clinical knowledge and skills.
- (c) Compulsory attendance of and participation in prescribed activities.

The contribution of each modality in the calculation of the abovementioned mark is set out in the regulations and published in the study guides. The details are explained in detail to the students concerned before commencement of the

modules. Likewise, also the weight allocated to the abovementioned marks and the various examination marks when calculating the final block mark awarded to the student, which varies between 50:50 and 40:60 according to the field of study, year of study and programme-specific compilation.

The importance of continuous evaluation in the assessment of students is non-negotiable, and therefore the marks awarded in these type of evaluations will form part of the final pass mark of all modules/subjects.

The pass mark for essays is at least 50%. The stipulations of General Regulation G.60.2.1.2(a) regarding requirements for dissertations apply *mutatis mutandis* to essays.

For requirements regarding the abovementioned, consult Reg. M.1(b), as well as the study manual of a given block.

(e) **Academic exclusion from further study**

- (i) In accordance with the stipulations of General Regulation G.3.2(b), re-registration of a student is permitted only if the student completes the degree programme for which he or she is registered within the prescribed minimum period of study plus two years.
- (ii) In the case of the MBChB degree offered by the School of Medicine, a student who fails a year of study for a second time, must apply, in writing, to the Readmission Committee of the School chaired by the Chairperson of the School, for readmission to the programme.
- (iii) The Committee in question will take all factors into consideration and its decision and conditions will be final.

(f) **First year of study**

(i) **Curriculum**

First semester		Module code	Credits
	Fundamental modules		
CMY	Chemistry 151***	CMY 151	16
FIL	Science and world views 155	FIL 155	6
MGW	People and their environment 112	MGW 112	6
MLB	Molecular and cell biology 111***	MLB 111	16
MTL	Medical terminology 180	MTL 180	6
PHY	General physics 131***	PHY 131	16
CIL	Computer literacy 111*	CIL 111	4
EOT	Academic literacy 110**	EOT 110	6
Total credits per semester (CIL and EOT modules excluded):			66

*Consult foregoing par. 5 under GENERAL ACADEMIC INFORMATION in this publication.

**Consult foregoing par. 4 under GENERAL ACADEMIC INFORMATION in this publication.

***Consult foregoing par. 1.2 under GENERAL ACADEMIC INFORMATION in this publication, for the minimum achievement required in certain matriculation subjects in the final Grade 12 examination, with a view to admission to these modules.

N.B.:

The first semester of the syllabus for the year module PHY 181, is identical to that of PHY 131 mentioned above.

(ii) **Failed candidates/Admission to the second semester of MBChB I**

Selected first-year students, who have passed in sufficient prescribed first-

semester modules at 100 level will, in accordance with the stipulations of General Regulation G.3, automatically be admitted to the second semester of the first year of study.

During the second semester, the students may be admitted to an examination on an anti-semester basis in the first-semester modules still outstanding, if this can be accommodated in the timetables.

In the School of Medicine, a student may not repeat first-semester modules comprising more than 8 lectures per week on an anti-semester basis in the second semester.

Second semester		Module code	Credits
	Fundamental modules		
Block 1	Molecule to organism 121	BOK 121	40
SA 1	Orientation 120**	GNK 120	5
SA 3	People and their environment 127**	GNK 127	10
SA 14	Introduction to clinical pharmacotherapy 128	GNK 128	10
EOT	Academic literacy 120*	EOT 120	6
LCP	Longitudinal clinic attachment programme 180	LCP 180	-
	Elective module		
SSM	Special study module 121 (Linked with BOK 121)	SMO 121	5
Total credits per semester (EOT module excluded):			70
Total credits first year of study (CIL and EOT modules excluded):			136

*Consult foregoing par. 4 under GENERAL ACADEMIC INFORMATION in this publication.

**Exemption from CIL 121 (Information literacy 121), which is compulsory for all first-year students, will be granted after successful completion of these two modules.

(iii) **Block examinations and second examinations**

Consult Reg. M.1(b).

(iv) **Failed candidates/Admission to MBChB II**

- (aa) A student must pass all the modules prescribed for MBChB I, for admission to MBChB II.
- (bb) Students who take the maximum allowable number of first-semester modules on an anti-semester basis in the second semester, must pass a second examination in the modules in question prior to commencement of the second year of study. Should a student pass in these modules, the fact that the modules were failed in the first semester, will not affect his or her admission to MBChB II.
- (cc) None of the second-semester blocks and special activities of MBChB I are presented on an anti-semester basis.
- (dd) ALL students who fail the first year of study for the MBChB degree, forfeit their selection and must apply, in writing, for readmission to the MBChB degree programme. Also consult Reg.M.1(c) regarding students who fail certain blocks in a year and therefore the year of study.

(g) **Admission to the second year of study**

A student must pass all the modules prescribed for the first year of study before admission to the second year of study.

(h) **Second year of study**(i) **Curriculum**

First semester		Module code	Credits
	Fundamental modules		
Block 2	People and their environment 284	BOK 284	31
Block 3	Homeostasis 280	BOK 280	42
SA 4	Anatomy (Dissection) 288	GNK 288	37
GPS	Generic procedural skills 280	GPS 280	2
LCP	Longitudinal clinic attachment programme 280	LCP 280	-
	Elective module		
SSM	Special study module 211	SMO 211	3
Total credits per semester:			115

Important:

Students have three assessment opportunities, namely a block test, first examination and second examination in order to pass (GPS) Generic procedural skills 280. Although a student will not be held back if GPS 280 is failed, the module in question **must** be passed by the end of the first semester of the third year of study, failing which the student **will** be held back in the third year of study.

Second semester		Module code	Credits
	Fundamental module		
LCP	Longitudinal clinic attachment programme 280	LCP 280	-
	Core modules		
Block 4	Pathological conditions 285	BOK 285	22
	Infectious diseases 287	BOK 287	23
SA 5	Introduction to clinical medicine 283	GNK 283	10
SA 9	Basic emergency care 286	GNK 286	5
	Elective module		
SSM	Special study module 281 (Linked with BOK 285 and 287)	SMO 281	5
Total credits per semester:			65
Total credits second year of study:			180

(ii) **Block examinations and second examinations**

Consult Reg. M.1(b).

(iii) **Failed candidates/Admission to MBChB III**

- (aa) Students must pass in all the prescribed modules for MBChB II for admission to MBChB III.
- (bb) Students who fail **one block**, may repeat the MBChB II year* without forfeiting his/her selection.
- (cc) Students who fail **two blocks**, but who have not failed a block before, may repeat the MBChB II year*, without forfeiting his/her selection.
- (dd) Students who fail **three or more blocks**, are automatically excluded from the programme.

(ee) Students who have failed MBChB I and subsequently also MBChB II (notwithstanding the number of blocks involved), are automatically excluded from the programme.

(ff) Students who are excluded from the programme, will again be subjected to selection with a view to readmission to MBChB II.

*Consult Reg. M.1(c) regarding students who fail certain blocks and therefore have to repeat the year of study.

(i) **Admission to the third year of study**

A student must pass all the modules prescribed for the second year of study for admission to the third year of study.

(j) **Third year of study**

(i) **Curriculum**

First semester		Module code	Credits
GPS LCP	Fundamental modules Generic prosedural skills 380 Longitudinal clinic attachment programme 380	GPS 380 LCP 380	5 -
Block 6 Block 7 Block 8 SA 12	Core modules Heart and blood vessels 381 Lungs and chest 383 Abdomen and mamma 380 Haematological malignancies 386	GNK 381 GNK 383 BOK 380 GNK 386	25 20 50 5
SSM SSM	Elective modules Special study module 311 Special study module 380 (Linked with BOK 380)	SMO 311 SMO 380	5 5
Total credits per semester:			115

Second semester		Module code	Credits
LCP	Fundamental module Longitudinal clinic attachment programme 380	LCP 380	-
Block 9 SA 10	Core modules Pregnancy and neonatology 382 Elective 488	BOK 382 GNK 488	55 23
SSM	Elective module Special study module 382 (Linked with BOK 382)	SMO 382	5
Total credits per semester:			83
Total credits third year:			198

(ii) **Block examinations and second examinations**

Consult Reg. M.1.(b).

(iii) **Failed candidate**

A student who fails any given block (i.e. examination modules), fails and will be required to repeat the third year of study. Consult also Reg.M.1(c) regarding students who fail some blocks, and thus the year of study.

(k) **Admission to the fourth year of study:**

A student must pass all the modules prescribed for the third year of study for admission to the fourth year of study. Consult also Reg. M.1(c) regarding students who fail certain blocks in a year, and therefore the year of study.

(l) **Fourth year of study**(i) **Curriculum**

First and second semester		Module code	Credits
LCP	Fundamental module Longitudinal clinic attachment programme 480	LCP 480	-
Block 10	Core modules Disorders of childhood 481	GNK 481	31
Block 11	Paediatrics morning rotation Genital and urinary tract diseases 480	BOK 480	62
Block 12	Gynaecology morning rotation Internal medicine morning rotation Urology morning rotation Head and neck 485	GNK 485	33
Block 13	Otorhinolaryngology morning rotation	BOK 482	28
Block 14	Ophthalmology morning rotation Nervous system 482	GNK 483	28
SA 7	Neurology morning rotation	GNK 484	6
SA 8	Musculoskeletal conditions 483	GNK 486	8
SA 11	Orthopaedics morning rotation Endocrinology 484	GNK 487	5
	Ageing 486 Skin 487*		
SA 6	Elective modules Preceptorship 385	GNK 385	10
SSM	Special study module 411	SMO 411	2
Total credits fourth year:			211

*SA 11 (GNK 487) Skin 487 is preceded by one study week named SA 11a in the 4th year, 2nd semester.

Note: Marks obtained in the morning rotations are taken into account with the relevant block marks.

(ii) **Block examinations and second examinations**

As set out in Reg. M. 1(b).

(iii) **Failed candidates**

A student who fails any given block (i.e. examination modules), fails and will be required to repeat the fourth year of study. Consult also Reg. M.1(c) regarding students who fail some blocks, and thus the year of study.

(m) **Admission to the fifth year of study:**

A student must pass all the modules prescribed for the fourth year of study for admission to the fifth year of study.

(n) **Fifth year of study**(i) **Curriculum**

First semester		Module code	Credits
	Fundamental module Longitudinal clinic attachment programme 580	LCP 580	-
Block 15	Core modules Psychiatry and social dysfunction 581	GNK 581	34
Block 16	Psychiatry morning rotation Health and healthcare 582 Family medicine morning rotation	GNK 582	31
Block 17	Forensic medicine morning rotation	GNK 583	25
Block 18	Traumatology 583 Surgery morning rotation Pharmacotherapy 585* Anaesthesiology 586 Anaesthesiology morning rotation	GNK 585 GNK 586	7 13
SSM	Elective modules Special study module 511	SMO 511	2
SSM	Special study module 512	SMO 512	2
Total credits first semester fifth year:			114

*Block 18 (GNK 585) Pharmacotherapy 585 is preceded by two study weeks, namely Block 18a in the 2nd year, 2nd semester and Block 18b in the 4th year, 2nd semester.

Note: Marks obtained in the morning rotations are taken into account with the relevant block marks.

Second semester

Consult par. (o) regarding the commencement of the Student Intern Complex (SIC) at the beginning of the second semester of the fifth year of study.

(ii) **Block examinations and second examinations**

Consult par. (iii) below.

(iii) **Failed candidates**

- (aa) At the end of the first semester of the fifth year of study, students will sit examinations in each block in which they have not been promoted. A second examination will take place immediately after commencement of the SIC. Successful students obtain SIC status and may continue with the SIC.
- (bb) Students who fail the examination as well as the second examination in one block or more (and therefore fail the semester) may not continue with the SIC but participate in a remedial programme, which will take place during the first seven weeks of the second semester.
- (cc) A second examination will be granted in the outstanding blocks at the end of the seven-week period.

- (dd) Unsuccessful completion of the morning rotations during the first semester of the fifth year of study prevents a student from promoting the relevant block(s) and examination will become compulsory.
 - (ee) If the students pass in the second examination, they may join the SIC as from the second seven-week rotation period.
 - (ff) If a student again fails the second examination, the rest of the year of study will be used as remediation. In January of the subsequent year, students may commence provisionally with the SIC, but will have to interrupt the SIC for the duration of the unsuccessful block when it is presented in the first semester. Students will then have to repeat the block. Successful students then continue with the SIC.
- (o) **Admission to the Student Intern Complex (SIC):**
Second half of the fifth year of study, and the sixth year of study
- (i) For admission to the SIC, a student is required to pass in all the examination modules and morning rotations of the first semester of the fifth year of study.
 - (ii) **Rotations and end-of-rotations examinations (first examinations) and end-of-semester examinations (second examinations)**
 - (aa) Training in the SIC extends over 18 months. Rotations take place over a period of 63 weeks in three semesters.
 - (bb) All students who are involved, will enjoy the same rank of seniority and will be known as **student interns**; i.e. no differentiation will in this case be made between the status of the fifth-year and sixth-year student concerned.
 - (cc) A rotation extends over seven weeks, and every three rotations are grouped together in a logical manner in the three semester divisions of the SIC.
 - (dd) The semester rotations are divided as follows:

Student Intern Complex (SIC) (18 months)

SIC	Semester (a): Surgery and related disciplines and family medicine	Module code	Credits
	Core modules		
	(i) Surgery (7 weeks) - General surgery - Vascular surgery - Plastic surgery - Paediatric surgery - Cardiothoracic surgery	GNK 680	52
	(ii) Surgery-related subdisciplines (3 weeks) - Neurosurgery (1 week) - Urology (2 weeks)	GNK 690	11
	(iii) Anaesthesiology and family medicine (7 weeks) - Anaesthesiology (3½ weeks) - Family medicine (3½ weeks)	GNK 682 GNK 691 GNK 681	20 20 17
	(iv) Orthopaedics (3 weeks)		
Total credits per semester:			120

SIC	Semester (b): Internal medicine and related sub-disciplines and psychiatry	Module code	Credits
	Core modules		
	(v) Internal medicine (7 weeks)	GNK 683	45
	(vi) Internal medicine-related subdisciplines (3½ weeks)	GNK 684	20
	(vii) Surgery (7 weeks)		15
	- Dermatology		
	- Haematology		
	- Cardiology		
	(viii) Psychiatry (7 weeks)	GNK 685	40
	(ix) Neurology (3½ weeks)		
Total credits per semester:			120
SIC	Semester (c): Women's and children's health and community-based education	Module code	Credits
	Core modules		
	(x) Obstetrics and gynaecology (7 weeks)	GNK 686	40
		GNK 687	40
	(xi) Paediatrics (7 weeks)	GNK 692	20
	(xii) Community obstetrics (3½ weeks)	GNK 688	20
	(xiii) Community-based education (3½ weeks)		
Total credits per semester:			120
SA 13	Special activity: Diagnostic laboratory medicine	Module code	Credits
	Core module		
	Diagnostic laboratory medicine (2 weeks)	GNK 689	11
	- Image-forming medicine		
	- Evidence-based medicine		
	- Bioethics (2 days)*		
Total credits GNK 689:			11
Total credits Student Intern Complex:			371

*SA13 Diagnostic laboratory medicine is followed by two study days, namely SA13a in the 6th year, 2nd semester.

- (ee) End-of-rotation examinations are held at the end of every seven-week rotation. Students who obtain a final mark of at least 60%, are promoted in the rotation and need not sit the end-of-semester examination in that rotation.
- In the first semester, this examination will be held three times (22-23 students in the first semester of their sixth year of study).
 - In the second semester, this examination will also be held three times (approximately 45 students), i.e. students in the second semester of both the fifth and the sixth year of study.
- (ff) End-of-semester examinations are held in the relevant rotations of the semester of a SIC in which students have performed unsatisfactorily (i.e. less than 60%).

Students who fail these examinations, will not be admitted to the rotations of the subsequent semester and will be required to repeat and pass the unsuccessful rotation(s). (Further details in this regard appear in par. (p))

- (gg) During the first semester of the sixth year of study, two lecturing periods of two weeks each will be devoted to the following:

GNK 689: Diagnostic laboratory medicine
Image-forming medicine
Evidence-based medicine
Bioethics

(p) **Rotation(s) failed or not promoted in**

- (i) A student intern who fails a seven-week rotation or rotations for the first time (i.e. the end-of-rotation examination) or is not promoted in the rotation(s) in question, sits the end-of-semester examination in the rotation(s) in question. If successful in the second examination, he or she continues with the rotations of the following semester.
If unsuccessful, the relevant rotation(s) must be repeated at the first opportunity in the next semester. The nature of such repetition must be regarded as remedial and it ends with the next end-of-rotation examination.
- (ii) The end-of-rotation examination for such student interns serves as the next official examination and must, as such, be monitored by external examiners. A pass mark of at least 50% is required.
- (iii) Student interns who pass the end-of-rotation examination, continue with the next "semester rotations" and may rejoin their original group for the duration of the rest of the SIC. The third rotation of the semester will then again be out of phase.
- (iv) Student interns who fail the end-of-rotation examination again (i.e. first examination), routinely continue with the next rotations or semester activity as applicable according to the number of rotations failed. Such student interns will complete the unsuccessful rotations at the end of the training period, after all other rotations have been passed.
- (v) The sixth year of study may be failed twice, provided that no previous year has been failed. This means that there is a total of seven semesters available for the sixth year of study to a student intern who has not failed any previous year of study.

(q) **Degree with distinction**

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the Student Intern Complex rotations.

M.2 Bachelor of Science in Medical Sciences [BSc (Medical Sciences)]

Note:

As from 2004, the BSc (Medical Sciences) degree programme was transferred to the Faculty of Natural and Agricultural Sciences. The subjects Anatomy and Physiology are, however, still presented by the Faculty of Health Sciences.

**M.2A Bachelor of Clinical Medical Practice [BClinical Medical Practice]
(Code 10130011)**

Also consult General Regulations.

Note:

- A selection of candidates takes place (see General Information).
- Each student must apply to the Registrar of the Health Professions Council of South Africa for registration as a student in Clinical Medical Practice, immediately after admission to the first year of study.
- After obtaining the degree, graduates must also register with the Health Professions Council of South Africa.

(a) **Requirements for admission**

A National Senior Certificate with admission for degree purposes is required, with English, Mathematics and Life Sciences preferred, with a minimum pass mark in these subjects of 40%.

(b) **Duration and programme design**

Three years of full-time study. The integrated outcomes-based, problem-oriented degree programme consists of theoretical modules and clinical rotations.

(c) **Passing a module in the BClinical Medical Practice degree programme**

- (i) A **module mark** is calculated from the continuous evaluation opportunities during the course of the presentation of the module in question. These evaluations shall include one or more of the following:
 - (aa) Evaluations regarding theoretical knowledge.
 - (bb) Evaluations regarding clinical knowledge and skills.
 - (cc) Compulsory attendance at and active participation in prescribed activities.
- (ii) Students may exercise the option to have the module mark at the **end of the year** validated as the **final module mark** for the module in question (i.e. they are exempted from the module examination for this module), provided that they comply with the following requirements:
 - (aa) The abovementioned module mark is more than 60% in all the different module assessments.
 - (bb) Proven attendance at all applicable module-specific activities, namely:
 - All tests/continuous evaluations.
 - All practicals and morning ward-round activities.
 - All relevant skills laboratory activities.
 - All relevant community-based education activities.
 - All clinical rotations.
 - (cc) A pass mark in the clinical rotation test.
 - (dd) Attendance at the module in question from day 1.
 - (ee) No conviction by the Faculty Preliminary Disciplinary Committee (Student offences) of any form of dishonesty or fraud.
- (iii) A **module examination** is granted to all registered students regardless of the module mark.
- (iv) The **final module mark** is calculated from the module examination mark and the module mark (continuous evaluation) in a 50:50 ratio, depending on the year of study and/or module-specific regulations. The formula according to

which the final module mark is calculated will be set out in the study guide and communicated to students at the commencement of the programme.

- (v) **In order to pass** in a module in which a clinical component is included, **a subminimum of 50% in the clinical component** of the module examination is required.
- (vi) A **second examination** in a module will be granted to all students who fail the module in question.
- (vii) As a rule, the **second examination** in question will take place in November/December of the same year, or in January of the following year. A minimum of 50% is required in order to pass in the second examination.
- (viii) An **aegrotat or extraordinary examination** granted to a student who could not participate in the module examination due to illness or other acceptable reasons, will take place during the second examination period. Students must apply formally for such an examination, and admission to the examination is approved by the Chairperson of the School or his/her authorised representative. Where applicable, the Chairperson of the School may first require a recommendation from the Faculty Health Committee before approving an application for admission to an aegrotat.
All modalities of a final examination must be completed jointly as an aegrotat or an extraordinary examination, even if part of it has already been completed as part of the examination sat in the previous examination period. The **final module mark** is calculated from the marks of all the divisions/modalities of the aegrotat or extraordinary examination and the module mark in question (continuous evaluation mark). The same criteria set for a final mark in a module, are applicable in this case.
Note: No special **dates** will be arranged for an aegrotat/extraordinary examination. These examinations will only take place on the scheduled dates for regular first/second examinations.
- (ix) Aegrotat/extraordinary **tests** are not allowed for the BClinical Medical Practice degree programme. Students who have acceptable reasons for being absent from tests will, of course, have no module mark, and a pass in the module(s) will depend totally upon the module examination mark.

4. **Examinations and pass requirements**

In accordance with the stipulations of General Regulation G.10(2), no minimum year or semester mark is required for admission to the examination: Provided that the different year and semester modules in a School need not be handled in the same manner, although a considerable degree of uniformity is advisable.

The stipulation that students be admitted to the examination without reservation, is supported. A **final module mark** in the relevant module is, however, calculated from the module examination mark **as well as** the module mark compiled from **continuous evaluation** during the presentation of the module (i.e. the semester, year or module mark). The latter is calculated from the marks obtained in one or more of the undermentioned:

- (i) Evaluations of theoretical knowledge.
- (ii) Evaluations of clinical knowledge and skills.
- (iii) Compulsory attendance at and participation in prescribed activities.
- (iv) Compulsory attendance at all academic support activities for the first two years of study.

The contribution of each modality in the calculation of the abovementioned mark is set out in the regulations and published in the study guides. The details are explained in detail to the students concerned before commencement of the

modules. Likewise, also the weight (50:50) allocated to the abovementioned marks and the various examination marks when calculating the final module mark awarded to the student. The importance of continuous evaluation in the assessment of students is non-negotiable, and therefore the marks awarded in this type of evaluations will form part of the final pass mark of all modules.

5. **Academic exclusion from further study**

- (i) In accordance with the stipulations of General Regulation G.3.2(b), re-registration of a student is permitted only if the student completes the degree programme for which he or she is registered within the prescribed minimum period of study plus two years.
- (ii) In the case of the BClinical Medical Practice degree offered by the School of Medicine, a student who fails a year of study for a second time must apply, in writing, to the Readmission Committee of the School, chaired by the chairperson of the School, for readmission to the programme.
- (iii) The committee in question will take all factors into consideration and its decision and conditions will be final.

6. **Curriculum**

(a) **First year of study**

(i) **First semester**

Modules	Module code	Credits per module
Computer literacy 111*	CIL 111 EOT	4
Academic literacy 110**	110	6
Medical terminology 180	MTL 180	4
Clinical medical practice 181:	CMP 181	46
Orientation		
Cardiovascular system		
Respiratory system		
Gastrointestinal system		
Reticulo-endothelial system		
Anatomy 185	ANA 185	21
Physiology 185	FSG 185	12
Clinical rotations***		
Total credits per semester (CIL and EOT modules excluded):		83

*Consult foregoing par. 5 under GENERAL ACADEMIC INFORMATION in this publication.

**Consult foregoing par. 4 under GENERAL ACADEMIC INFORMATION in this publication.

***Marks obtained in the clinical rotations are taken into account when calculating the relevant module marks.

(i) **Module examinations and second examinations**

As set out in Reg. M.2A(c).

(ii) **Failed candidates/Admission to the second semester of the first year of study**

Selected first-year students, who have passed in sufficient prescribed first-semester modules at 100 level will, in accordance with the stipulations of General Regulation G.3, automatically be admitted to the second semester of the first year of study.

(ii) **Second semester**

Modules	Module code	Credits per module
Information literacy 121*	CIL 121	4
Academic literacy 120 **	EOT 120	6
Clinical medical practice 182:	CMP 182	56
Head and neck		
Eyes, ears, nose and throat		
Musculoskeletal system		
Neurological system		
Genito-urinary system		
Skin, endocrine system		
Pharmacology 180	FAR 180	2
Clinical rotations***		
Total credits per semester (CIL & EOT modules excluded):		58
Total credits first year of study (CIL & EOT modules excluded)		141

*Consult foregoing par. 5 under GENERAL ACADEMIC INFORMATION in this publication.

**Consult foregoing par. 4 under GENERAL ACADEMIC INFORMATION in this publication.

***Marks obtained in the clinical rotations are taken into account when calculating the relevant module marks.

(i) **Module examinations and second examinations**

As set out in Reg. M.2A(c).

(ii) **Failed candidates/Admission to the second year of study**

- (a) First-year students who have passed in sufficient prescribed second-semester modules at 100 level will, in accordance with the stipulations of General Regulation G.3, automatically be admitted to the second year of study.
- (b) A student who has failed any one or more of the 100-level modules will have to repeat those modules failed before he/she will be admitted to the second year of study.
- (c) Also consult Reg. M.2A(e)(ii) in respect of a student for the BClinical Medical Practice degree, who fails a year of study for a second time.

(a) **Second year of study**(i) **First semester**

Modules	Module code	Prerequisite	Credits per module
Clinical medical practice 281:	CMP 281	CMP 181	48
Cardiovascular system			
Respiratory system			
Gastrointestinal system			
Reticulo-endothelial system			
Special procedural skills 288	CMP 288	-	10
Clinical rotations*			
Total credits per semester:			58

*Marks obtained in clinical rotations are taken into account when calculating the relevant module marks.

(i) **Module examinations and second examinations**

As set out in Reg. M.2A(c).

(i) **Failed candidates/Admission to the second semester of the second year of study**

Second-year students who have passed in sufficient prescribed first-semester modules at 200 level will, in accordance with the stipulations of General Regulation G.3, automatically be admitted to the second semester of the second year of study.

(ii) **Second semester**

Modules	Module code	Prerequisite	Credits per module
Clinical medical practice 282: Head and neck Eyes, ears, mouth, nose and throat Musculoskeletal system Neurological system Genito-urinary system Skin, endocrine system Pharmacology 280 Clinical rotations*	CMP 282	CMP 281	56
	FAR 280	FAR 180	2
Total credits per semester:			58
Total credits second year of study:			116

*Marks obtained in the clinical rotations are taken into account when calculating the relevant module marks.

(i) **Module examinations and second examinations**

As set out in Reg. M.2A(c).

(ii) **Failed candidates/Admission to the third year of study**

- (a) Second-year students who have passed in sufficient prescribed second-semester modules at 200 level will, in accordance with the stipulations of General Regulation G.3, automatically be admitted to the third year of study.
- (b) A student who has failed any one or more of the 200-level modules, will have to repeat those module(s) failed before he/she will be admitted to the third year of study.
- (c) Also consult Reg. M.2A(e) (ii) in respect of a student for the BClinical Medical Practice degree, who fails a year of study for a second time.

(iii) **Third year of study**
 (aa) **First semester**

Modules	Module code	Prerequisite	Credits per module
Child health 382	CMP 382		16
Emergency care 383	CMP 383	-	16
Infectious diseases 384	CMP 384	-	16
Anaesthetics 385	CMP 385	-	16
Advanced special procedural skills 388	CMP 388	CMP 288	10
Clinical rotations*			
Total credits per semester:			74

*Marks obtained in the clinical rotations are taken into account when calculating the relevant module marks.

(i) **Module examinations and second examinations**
 As set out in Reg. M.2A(c).

(ii) **Failed candidates/Admission to the second semester of the third year of study**
 Third-year students who have passed in sufficient prescribed first-semester modules at 300 level will, in accordance with the stipulations of General Regulation G.3, automatically be admitted to the second semester of the third year of study.

(bb) **Second semester**

Modules	Module code	Prerequisite	Credits per module
Women's health 381	CMP 381	CMP 284	16
Mental health 386	CMP 386	CMP 288	16
Orthopaedics 387	CMP 387	-	16
Advanced emergency care 389	CMP 389	-	16
Healthcare systems 380	CMP 380	-	10
Dispensing 380	FAR 380	FAR 280	4
Clinical rotations*			
Total credits per semester:			78
Total credits third year of study:			152

*Marks obtained in the clinical rotations are taken into account when calculating the relevant module marks.

(i) **Module examinations and second examinations**
 As set out in Reg. M.2A(c).

(ii) **Failed candidates/Academic exclusion from further study**
 Consult Reg. 2A(e) in respect of a student who does not complete the degree programme within the prescribed minimum period of study plus two years.

(g) **Degree with distinction**

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the clinical modules of the second and third years of study.

M.3 Master of Medicine [MMed]

Regulations and curricula**Please note:**

- (i) All MMed students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily.
- (ii) All MMed students must submit an essay (MMS 800) which must be assessed as satisfactory by an external examiner, or an article that has been accepted for publication in a subsidised periodical. An ordinary literature review will not be accepted.
- (iii) A **systematic literature review** (Cochrane type) on an approved subject, which is undertaken in such a manner that bias is minimised, may be presented as an alternative to the **dissertation** for awarding the MMed (Public Health Medicine) degree. It requires, inter alia, a protocol with clearly formulated objectives and methods. Inclusion and exclusion methods for the study must be determined. Where applicable, the data must be summarised (meta analysis), with applicable statistical methods. This alternative is in special cases applicable to other MMed degrees.

The MMed degree is conferred in the following fields:

- (i) Anaesthesiology – [MMed(Anaes)]
- (ii) Surgery – [MMed(Sur)]
- (ii)(a) Option: Paediatric Surgery
- (iii) Dermatology – [MMed(Derm)]
- (iv) Physical Medicine – [MMed(MedPhys)] [Discontinued until further notice]
- (v) Emergency Medicine – [MMed(Emergency Med)] – see **Note** below
- (vi) Family Medicine – [MMed(Family Medicine)]
- (vii) Geriatrics – [MMed(Geriat)]
- (viii) Internal Medicine – [MMed(Int)]
- (ix) Medical Oncology – [MMed(MedOnc)] – see **Note** below
- (x) Nuclear Medicine – [MMed(NuclMed)]
- (xi) Paediatrics – [MMed(Paed)]
- (xii) Neurosurgery – [MMed(NeurSur)]
- (xiii) Neurology – [MMed(Neur)]
- (xiv) Obstetrics and Gynaecology – [MMed(O et G)]
- (xv) Ophthalmology – [MMed(Ophth)]
- (xvi) Otorhinolaryngology – [MMed(ORL)]
- (xvii) Orthopaedics – [MMed(Orth)]
- (xviii) Pathology – [MMed(Path)]
- (xix) Plastic Surgery – [MMed(PlastSur)]
- (xx) Psychiatry – [MMed(Psych)]
- (xxi) Radiological Diagnostics – [MMed(Rad-D)]
- (xxii) Radiation Oncology – [MMed(Rad-Onc)]
- (xxiii) Thoracic Surgery – [MMed(ThoracSur)]
- (xxiv) Urology – [MMed(Urol)]

Note:

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

(a) **Requirements for admission**

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

(b) **Duration**

- (i) The training for the degree extends over four or five years in accordance with the requirements of the department under which the chosen major subject falls.
- (ii) "Major subject" refers to the recognised field of study in Medicine in which the student specialises. The study of the major subject extends over four or five years, as prescribed by the department in question.

(c) **Each student must prove to the University that he or she**

- (i) has successfully filled the required full-time training post for a period of four or five years according to the requirements of the department in question at the Steve Biko Academic Hospital or Kalafong Hospital or at an institution recognised by the University as equivalent;
- (ii) has completed the theoretical, practical, clinical and applicable training as stipulated in Reg. M.3 (b) above; and
- (iii) has passed the prescribed written, oral, practical and/or clinical university examinations.

(d) **Exemption**

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

(e) **Curricula**

The curriculum consists of a major subject and its prerequisites:

(i) **Anaesthesiology (Code 10250011)**

Major subject: ANE 801 Anaesthesiology 801.

Prerequisites: FSG 801 Physiology 801*; CHP 805 Chemical pathology 805*; FAR 802 Pharmacology 802*; FSK 808 Physics 808*.

Duration of training: Four years.

- (ii) **Surgery (Code 10250021)**
 Major subject: CHR 800 Surgery 800
 Prerequisites: ANA 802 Anatomy 802*; FSG 801 Physiology 801*; ANP 802 Anatomical pathology 802*; BVC 800 Principles of surgery 800 (Neuro-surgery, Orthopaedics, Plastic surgery, Thoracic surgery, Urology).
 Duration of training: Five years.
Option: Paediatric Surgery (Code 10250023)
 Major subject: CHR 805 Paediatric surgery 805
 Prerequisites: ANA 802 Anatomy 802*; FSG 801 Physiology 801*; ANP 802 Anatomical pathology 802*; BVC 800 Principles of surgery 800 (Neurosurgery, Orthopaedics, Plastic surgery, Thoracic surgery, Urology, Paediatric ICU).
 Duration of training: Five years.
- (iii) **Dermatology (Code 10250031)**
 Major subject: DER 800 Dermatology 800.
 Prerequisites: PAG 804 Pathology 804 (Anatomical, Microbiological, simultaneously with the major subject); ANA 807 Anatomy 807*; FSG 801 Physiology 801*.
 Duration of training: Four years.
- (iv) **Physical Medicine (Code 10250081)**
 Discontinued until further notice.
- (v) **Emergency Medicine (10250392)**
 Major subject: NGK 801 Emergency medicine 801
 Prerequisites: ANA 802 Anatomy 802, FSG 801 Physiology 801, FAR 880 Pharmacology 880, PAG 880 Pathology 880.
 Duration of training: Four years.
Note: Inquire at the Head of the Department of Family Medicine regarding the availability of registrarships.
- (vi) **Family Medicine (10250401)**
 Major subject: HAK 800 Family medicine 800
 Prerequisites: AEH 801 Anatomy, embryology and histology 801; FSG 809 Physiology 809; DLM 807 Diagnostic laboratory medicine 807.
 Duration of training: Four years.
- (vii) **Geriatrics (Code 10250041)**
 Major subject: GER 800 Geriatrics 800.
 Prerequisites: PAG 806 Pathology 806 (Chemical, Anatomical, Microbiological); ANA 893 Anatomy 893*; FSG 801 Physiology 801*; FAR 804 Pharmacology 804.
 Duration of training: Four years.
- (viii) **Internal Medicine (Code 10250051)**
 Major subject: IKG 800 Internal medicine 800
 Prerequisites: ANA 800 Anatomy 800*; FSG 801 Physiology 801*
 Attendance courses: (simultaneously with the major subject); FAR 806 Pharmacology 806; PAG 808 Pathology 808 (Anatomical, Chemical, Haematological, Microbiological).

A certificate issued by the Head of Department must be submitted as proof that the student is well qualified in research methodology before the degree is conferred.

Duration of training: Four years.

(ix) **Medical Oncology (Code 10250163)**

Major subject: MDN 801 Medical oncology 801

Prerequisites: ANA 800 Anatomy 800, FSG 801 Physiology 801, FAR 806 Pharmacology 806, PAG 808 Pathology 808 (Anatomical, Chemical, Haematological, Microbiological).

Duration of training: 5 years, or

3 years MMed(Int) + 2 years MMed(MedOnc) = 5 years

Inquire at the Head of Department regarding the availability of registrarships for this specialisation.

(x) **Nuclear Medicine (Code 10250381)**

Major subject: KDE 801 Nuclear medicine 801

Prerequisites: ANA 809 Anatomy, 809 FSG 801 Physiology 801*; KDE 802 Nuclear physics 802*; PAG 801 Pathology 801* (Chemical and Haematological), RCF 800 Radiobiology, chemistry and pharmacology 800.

Duration of training: Four years (of which at least six months' ward rounds in Radiological Diagnostics). If a student specialises in Nuclear Medicine after having obtained the MMed in Radiological Diagnostics, Radiation Oncology or Internal Medicine, the duration will be three years.

(xi) **Paediatrics (Code 10250121)**

Major subject: KGE 800 Paediatrics 800

The degree requirements consist of the following components:

(i) Successful completion of the primary subjects for the MMed(Paed):

- Successful completion of the College of Paediatricians Fellowship Examination Part 1

or

- ANA 805 Anatomy 805*; FSG 801 Physiology 801*; PAG 802 Pathology 802* (Chemical pathology, Anatomical pathology, Haematology, Microbiology).

(ii) Final Professional Theoretical and Clinical Examination: Provided that a student may be exempted from writing this examination if he/she has passed the Final Fellowship Examination of the College of Paediatricians of South Africa [FC Paed (SA)] within the previous two years

Duration of training: Four years.

(xii) **Neurosurgery (Code 10250191)**

Major subject: NCR 800 Neurosurgery 800

Prerequisites: ANA 894 Anatomy 894*; FSG 801 Physiology 801*; ANP 875 Anatomical pathology 875*; BVC 801 Principles of surgery 801* (Surgery, Urology, Neurosurgery, Orthopaedics, Plastic surgery, Thoracic surgery).

Duration of training: Five years.

(xiii) **Neurology (Code 10250091)**

Major subject: NRE 800 Neurology 800.

Prerequisites: PAG 805 Pathology 805* (Anatomical, Chemical, Microbiological); ANA 891 Anatomy 891*; FSG 801 Physiology 801*.

Duration of training: Four years.

(xiv) **Obstetrics and Gynaecology (Code 10250101)**

Major subject (Final examination): OEG 800 Obstetrics and gynaecology 800.

Prerequisite subjects (Primary examination): ANA 803 Anatomy 803*; FSG 801 Physiology 801*.

In addition to the prerequisite subjects mentioned, also (OEG 801) Additional examination: Basic sciences 801 (examination on aspects from the basic sciences, as applicable to Obstetrics and Gynaecology).

Prerequisite subject (Intermediary examination): ANP 803 Anatomical pathology 803*.

Duration of training: Four years.

(xv) **Ophthalmology (Code 10250111)**

Major subject: OHK 800 Ophthalmology 800.

Prerequisites: ANP 871 Anatomical pathology 871*; ANA 876 Anatomy 876*; FSG 801 Physiology 801*; GMO 800 Geometrical optics 800*.

Duration of training: Four years.

(xvi) **Otorhinolaryngology (Code 10250361)**

Major subject: ONK 800 Otorhinolaryngology 800.

Prerequisites: ANP 870 Anatomical pathology 870*; ANA 875 Anatomy 875*; FSG 801 Physiology 801*; BVC 807 Principles of surgery 807.

Duration of training: Four years.

(xvii) **Orthopaedics (Code 10250201)**

Major subject: ORT 800 Orthopaedics 800.

Prerequisites: ANA 895 Anatomy 895*; FSG 801 Physiology 801*; ANP 879 Anatomical pathology 879; BVC 802 Principles of surgery 802 (Surgery, Urology, Neurosurgery, Orthopaedics, Plastic surgery, Thoracic surgery).

Duration of training: Five years.

(xviii) **Pathology**

(1) **Clinical Pathology (Code 10250241)**

Major subject: MBG 800 Microbiology 800; CHP 802 Chemical pathology 802; HEM 801 Haematology 801.

Prerequisites: APA 800 General pathology 800 (of which six months in each of Microbiology, Chemical pathology and Haematology).

Duration of training: Five years with at least 18 months in each major subject.

(2) **Anatomical Pathology (Code 10250251)**

Major subject: ANP 800 Anatomical pathology 800.

Prerequisites: ANP 801 Anatomical pathology 801, ANA 800 Anatomy 800.

Satisfactory progress after 18 months of training is required, as evaluated by the applicable examination panel.

- (3) **Medical Microbiology (Code 10250261)**
Major subject: GMB 800 Medical microbiology 800
Prerequisites: GMB 801 Medical microbiology 801, or capita selecta from Anatomical pathology (APY 871), Chemical pathology (CHP 871), Haematology (HEM 871), Medical virology (GVR 871) – as approved in consultation with the heads of department in question.
Satisfactory progress after one year of training is required as evaluated by the applicable examination panel.
- (4) **Chemical Pathology (Code 10250271)**
Major subject: CHP 800 Chemical pathology 800.
Prerequisites: FSG 801 Physiology 801, CHP 801 Chemical pathology 801, or capita selecta from Anatomical pathology (APY 871), Haematology (HEM 871), Medical microbiology (GMB 871), Medical virology (GVR 871) – as approved in consultation with the heads of department in question.
Satisfactory progress after one year of training is required, as evaluated by the applicable examination panel.
- (5) **Haematology (Code 10250281)**
Major subject: HEM 800 Haematology 800.
Prerequisites: FSG 801 Physiology 801, HEM 801 Haematology 801, or capita selecta from Anatomical pathology (APY 871), Chemical pathology (CHP 871), Medical microbiology (GMB 871), Medical virology (GVR 871) – as approved in consultation with the heads of department in question.
Satisfactory progress after one year of training is required, as evaluated by the applicable examination panel.
- (6) **Medical Virology (Code 10250391)**
Major subject: GVR 800 Medical virology 800
Prerequisites: GVR 801 Medical virology 801, or capita selecta from Anatomical pathology (APY 871), Chemical pathology (CHP 871), Haematology (HEM 871), Medical microbiology (GMB 871) – as approved in consultation with the heads of department in question.
Satisfactory progress after one year of training is required, as evaluated by the applicable examination panel.
Duration of training: Four years, of which at least three years must be in the major field of study. The fourth year can either be in the major subject or in any combination of the other Pathology specialisations.
- (7) **Forensic Pathology (Code 10250272)**
Major subject: GVK 800 Forensic medicine 800
Prerequisites: FSG 801 Physiology 801, FAR 803 Pharmacology 803, ANP 874 Anatomical pathology 874.
Duration of training: Four years.
- (xix) **Plastic Surgery (Code 10250211)**
Major subject: PCR 800 Plastic surgery 800.
Prerequisites: ANA 896 Anatomy 896*; FSG 801 Physiology 801*; ANP 876 Anatomical pathology 876*; BVC 803 Principles of surgery 803 (Neurosurgery, Orthopaedics, Plastic surgery, Thoracic surgery, Urology, Surgery).
Duration of training: Five years.

- (xx) **Psychiatry (Code 10250141)**
Major subject: PSI 800 Psychiatry 800.
Prerequisites: ANA 804 Anatomy 804*; FSG 801 Physiology 801*; ANP 872 Anatomical pathology 872*; MTS 801 Medical applied psychology 801*; NRE 801 Neurology 801.
Duration of training: Four years.
- (xxi) **Radiological Diagnostics (Code 10250151)**
Major subject: RDD 800 Radiological diagnostics 800.
Prerequisites: ANP 807 Anatomical pathology 807 (simultaneously with the major subject at the end of the fourth year); ANA 808 Anatomy 808*; FSG 801 Physiology 801*; MFK 800 Medical physics 800*.
Duration of training: Five years.
If this specialisation is followed after having obtained the MMed (Radiation Oncology), the duration of the programme will be three years.
- (xxii) **Radiation Oncology (Code 10250162)**
Major subject: SOZ 800 Radiation oncology 800 (including Medical oncology).
Prerequisites: ANP 809 Anatomical pathology 809; ANA 809 Anatomy 809*; FSG 801 Physiology 801*; MFK 801 Medical physics 801* (must be completed within 18 months), RBG 801 Radiobiology 801 (must be finalised within 30 months).
Duration of training: Four years. If this specialisation is followed after having obtained the MMed in Radiological Diagnostics, the duration of the programme will be three years.
- (xxiii) **Thoracic Surgery (Code 10250231)**
Major subject: TCR 800 Thoracic surgery 800.
Prerequisites: ANA 898 Anatomy 898*; FSG 801 Physiology 801*; ANP 878 Anatomical pathology 878*; BVC 805 Principles of surgery 805 (Neurosurgery, Orthopaedics, Plastic surgery, Urology, Surgery, Thoracic surgery).
Duration of training: Five years.
- (xxiv) **Urology (Code 10250221)**
Major subject: URO 800 Urology 800.
Prerequisites: ANA 897 Anatomy 897*; FSG 801 Physiology 801*; ANP 877 Anatomical pathology 877*; BVC 804 Principles of surgery 804 (Neurosurgery, Orthopaedics, Plastic surgery, Urology, Surgery, Thoracic surgery).
Duration of training: Five years.

(f) **Examinations**

- (i) The sequence of the examinations in the prerequisite subjects will be determined by the head of the department under which the major subject falls.
- (ii) The nature, duration and time of the examinations in the prerequisite subjects are determined in cooperation with the heads of the departments under which the prerequisite subjects fall – with the proviso that, except in

cases where stipulated otherwise, the examinations in the prerequisite subjects may be held at any time prior to or concurrently with the major subject. The examinations in the major subjects are held as follows:

- In the case of four-year programmes: not before the end of the third year.
 - In the case of five-year programmes: not before the end of the fourth year.
- (iii) A minimum final mark of 50% is required by all departments to pass in a subject and in the clinical section of the examination, a subminimum of 50%. General Regulation G.12 applies.
- (iv) A student is not admitted to the examination in a prerequisite subject (second examinations excluded) more than twice, nor is he or she admitted to the examination in the major subject more than twice.

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

(g) **Second examinations**

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

(h) **Conferment of the degree/Degree with distinction**

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

(i) **General**

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

M.4 Master of Medicine in Family Medicine [MMed (Family Medicine)]

Consult Reg.M.3 in this publication.

M.5 Master of Military Medicine [MMilMed] (Code 10255001)
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Also consult the General Regulations.

(a) **Requirement for admission**

Candidates must be in possession of the MBChB degree for at least two years.

(b) **Duration**

Three years, of which the first two years will be part-time study, and the final year full-time study as a registrar in the relevant main discipline.

(c) Curriculum

Major subject: Military medicine (specialising in either MIG 800 Internal medicine 800 or CHR 800 Surgery 800).

Prerequisites: FSG 801 Physiology 801; VGN 800 Preventive medicine 800; IKG 804 Internal medicine 804; CHR 801 Surgery 801; and RAT 800 Radiotherapy 800.

(d) Examinations

- (i) The sequence of the examinations in the prerequisite subjects is determined by the head of the department under which the major subject falls.
- (ii) The nature, duration and time of the examinations are determined in co-operation with the heads of the departments under which the prerequisite subjects fall – with the proviso that, except in cases indicated differently, the examinations in the prerequisite subjects will be held at any time prior to, or concurrently with the examinations in the major subject.
- (iii) To pass in a module, a minimum final mark of 50% is required.
- (iv) A student will not be admitted to the examinations in a prerequisite module, or to the examination in the major subject, more than twice (second examinations excluded).

(e) Second examinations

Second examinations will take place only after at least six months have elapsed since the conclusion of the examination in which the student failed.

(f) Degree with distinction

The degree is conferred with distinction on a student who has obtained a final mark of at least 75% in his or her major subject.

**M.6 Master of Medical Pharmacology [MPharmMed]
(10256001)**

Also consult General Regulations.

(a) Requirements for admission

A candidate for admission to the study for the MPharmMed degree must be in possession of the MBChB degree of this University or a qualification deemed equivalent by the University, for at least one year. Additionally, the candidate must be registered as a medical practitioner with the Health Professions Council of South Africa.

(b) Duration

Three years of part-time study.

(c) Curriculum**(i) First year of study**

- (1) MFM 801 Medical pharmacology 801
- (2) MBS 800 Medical biostatistics 800
- (3) FFD 801 Pharmacokinetics and pharmacodynamics 801
- (4) WKT 881 Practical work and work assignments 881

(ii) **Second year of study**

- | | | |
|-----|---------|---|
| (1) | MFM 802 | Medical pharmacology 802 |
| (2) | FFD 802 | Pharmacokinetics and pharmacodynamics 802 |
| (3) | WKT 882 | Practical work and work assignments 882 |
| (4) | NAV 882 | Research report (Preparation) 882 |

(iii) **Third year of study**

- | | | |
|-----|---------|---|
| (1) | MFM 803 | Medical pharmacology 803 |
| (2) | FFD 803 | Pharmacokinetics and pharmacodynamics 803 |
| (3) | WKT 883 | Practical work and work assignments 883 |
| (4) | NAV 883 | Research report 883 |

(d) **Examinations**

- (i) The examinations for each year of study will take place during the summer examination period.
- (ii) To pass in a module, a minimum final mark of 50% is required.
- (iii) In addition to the examination, a student will be required to complete all practical work and work assignments satisfactorily, as well as (NAV 882) Research report (Preparation) 882 and pass (NAV 883) Research report 883 (minimum pass mark 50%), in order to comply with all the requirements for the degree.
- (iv) Second examinations will not be held before at least six months have elapsed since conclusion of the examination in which the student failed.

(e) **Degree with distinction**

The degree will be conferred with distinction on a student who has obtained a final mark of at least 75% in the following modules:

- (i) Medical pharmacology 802 and 803
- (ii) Pharmacokinetics and pharmacodynamics 802 and 803, as well as a final mark of at least 75% for (NAV 883) Research report 883 in the final year of study.

M.6A Master of Philosophy in Philosophy and Ethics of Mental Health
[MPhil (Philosophy and Ethics of Mental Health)]
(Code 10250500)

Also consult General Regulations.

(a) **Requirements for admission**

A bachelor honours degree or equivalent in a field of relevance to either mental health or philosophy eg MBChB; BPsych; BAHons; LLB; BCur; BOccTher, is the minimum admission requirement.

Practical experience and/or a relevant master's degree is strongly recommended e.g. MMed (Psych); MA (Philosophy); MA (Psychology); MA (Sociology) MA (Social Work); MMus (Music Therapy); LLM; MCur, MOccTher.

b) **Duration**

One year full-time or two years part-time study (with choice of e-learning)

(c) **Curriculum**

Modules	Credits
Core Modules	
FEG 881 Core concepts in philosophy and mental health 881	10
FEG 882 Philosophy of science and mental health 882	10
FEG 883 Philosophy of mind and mental health 883	10
FEG 884 Ethics, values and mental health 884	10
Research:	
FEG 890 Dissertation: Philosophy and ethics of mental health 890	140
Grand total of credits required:	180

(d) **Examinations and pass requirements**

- (i) Students must complete the assignments of each of the core modules and obtain a minimum mark of 50% to pass in the respective core modules.
- (ii) The dissertation must consist of five sections of which the first four will respectively address a topic from the core modules. The fifth section will be on an appropriate topic of the student's choice.
- (iii) The first four sections of the dissertation should each be between 5 000 and 6 000 words and the fifth section should be approximately 10 000 words in length.
- (iv) A minimum mark of 50% will be required in each section of the dissertation to pass.
- (v) A student will be disqualified from further study towards this degree when he or she fails any one of the sections for the third time.

(e) **Degree with distinction**

The degree will be conferred with distinction on a student who obtains a mark of 75% or more for the dissertation.

**M.6B Master of Philosophy in Pain Management [MPhil (Pain Management)]
(Code 10250501)**

This programme will commence in either 2011 or 2012. Please consult the programme director (Prof HP Meyer) tel 012 373 1018.

(a) **Requirements for admission**

Prospective students must have an applicable professional qualification and must be registered with his or her relevant professional board. Appropriate qualifications, together with the required professional board registration, include the following, but are not limited to these qualifications:

MBChB, MMed, BPhysT, BCur, BOccTher and BChD (according to the discretion of the Dean).

The number of students will be restricted to 40 or 50 and selection will take place according to the specific guidelines of the selection procedure.

(b) **Duration**

The programme extends over two academic years with three contact sessions per year, each consisting of 2½ days. A one-day orientation will take place on the day before the first module in year one.

(c) **Curriculum****(i) First year of study**

Modules	Credits
Core modules	
PYN 800 Introduction to pain management (including research methodology) 800	40
PYN 801 Principles of pain management (including research methodology) 801	20
PYN 802 Clinical pain management 802	20
Elective modules	
PYN 880 Minor interventional procedures 880	10
PYN 881 Minor interventional procedures 881	10
PYN 882 Physical therapy 882	10

(ii) Second year of study

Modules	Credits
Core credits	
PYN 803 Clinical pain management 803	20
PYN 804 Musculoskeletal pain 804	20
PYN 805 Unique pain scenarios	20
PYN 891 Research report 891	60
Elective modules	
PYN 883 Psychotherapy 883	10
PYN 884 Surgical procedures 884	10
PYN 885 Complementary/alternative approaches to pain management 885	10

(d) Examination and pass requirements

- (i) An average of at least 50% must be achieved in both the assignments and/or case study presentations to pass a core module.
At least 50% must be obtained in the critical evaluation of the elective modules.
- (ii) If a student fails to pass or to attend a particular module, a second examination in the form of a written case study assignment based on the relevant module, will have to be submitted within four weeks of the completion of the module, and an oral examination on the content of the module will also take place within these four weeks.
- (iii) If this second attempt is also failed, a final re-examination in the form of a written case study assignment and an oral examination will take place within four weeks of the second examination. If this re-examination is failed, the student will not be allowed to continue with the programme.
- (iv) If a student cannot fulfil these requirements within eight weeks for valid reasons, he/she may enrol for the module again at the next available opportunity when the module will be presented.
- (v) For a student to progress to Year 2, at least two of the three core modules of the first year have to be passed and the protocol of the research project has to be accepted.
- (vi) To qualify for the degree, a student has to:
 - Attend at least five of the six core modules.
 - Pass all six core modules.
 - Attend and pass four of the six elective modules.
 - Submit and pass the research report.

(d) **Degree with distinction**

The degree is conferred with distinction on a student who obtains a final mark of at least 75% for his/her research report and has passed all modules at the first attempt.

M.7 Bachelor of Science Honours [BSCHons]

Also consult General Regulations.

(a) **Requirements for admission**

- A candidate must hold a bachelor's degree deemed acceptable by the head of department for the proposed field of study, or an equivalent qualification deemed acceptable by the Senate of the University for the proposed field of study, with at least one applicable biological subject as major subject.
- Admission to the study for an honours degree is subject to the approval of the head of department: with the proviso that a candidate who has obtained an average of less than 60% in the modules of his or her major subject in the final year of the bachelor's degree study, may only be admitted with the **Dean's approval**, on the recommendation of the head of department. Additional requirements may be set by the head of department.
- The prerequisites for admission to the honours degree in certain fields of study are indicated in the syllabuses of the specific department, e.g. Physiology.
- Consult par (c)(vi) below with regard to special admission requirements for candidates who intend specialising in Physical Anthropology.

(b) **Duration**

One year of full-time study

Two years of part-time study

(c) **Curriculum**

(i) The BSCHons degree is conferred in the following fields of study:

Field of study	Degree code	Module code
Anatomy	10243012	ANA 700 [see c (vi)]
Developmental Biology	10243015	ANA 711
Comparative Anatomy	10243019	ANA 712
Neuro-anatomy	10243016	ANA 713
Human Cell Biology	10243014	ANA 714
Physical Anthropology	10243017	ANA 715
Human Histology	10243013	ANA 716
Macro-anatomy	10243018	ANA 717
Biokinetics	10243020	BKA 700
Chemical Pathology	10243151	CHP 700
Pharmacology	10243161	FAR 705 [See c (v)]
Medical Immunology	10243171	GIM 700
Medical Nuclear Science	10243181	GKW 700
Medical Microbiology	10243001	GMB 700
Medical Virology	10243132	GVR 700

Haematology	10244061	HEM 700
Medical Criminalistics	10243191	KRT 700
Aerospace Medicine	10244021	LRG 700
Medical Oncology	10244030	MDN 700
Human Physiology	10243023	MFG 777 [See c (iii)]
Human Genetics	10243072	MGN 700 and 790
Sport Science	10243021	POK 700
Reproductive Biology: Andrology	10244042	RBA 700
Reproductive Biology	10244041	RBI 700
Cell Biology	10244051	SBI 700
Medical Physics	10243011	See c (iv)
Radiation Oncology	10243143	SOZ 700

(ii) **The following requirements are set:**

- Advanced instruction by means of self-tuition and four compulsory seminars of which at least one must be read to and defended before the department in question, on topics assigned to the student.
- Practical experience of the laboratory techniques used in the particular subsections of the subject.
- Attendance at the compulsory faculty module (TNM 800) Applied research methodology 800.
- Taking part in a research project and presentation of an independent research report.
- Satisfactory attendance at a library-user course.

(iii) **The following additional requirements are set for the specialisation Human Physiology:**

- **Admission requirements**

A minimum average of 60% in the final year (undergraduate) in Physiology.

- **Pass requirements**

An average of at least 50% in all the sections of the module MFG 777 is required in order to pass (see syllabi). A minimum continuous evaluation mark of 40% is required for admission to the examination. The continuous evaluation mark is compiled from an average of 3 tests (50%), seminars and discussions on journals (25%), and project and presentation (25%). TNM 800 and MBS 800 must be completed successfully before the degree will be conferred.

(iv) **The following additional requirements are set for the specialisation Medical Physics:**

- **Modules to be taken in the Department of Physics, Faculty of Natural and Agricultural Sciences:**

FSK 710	Mathematical methods 710
FSK 711	Classical dynamics 711
FSK 713	Quantum mechanics 713
FSK 714	Electrodynamics 714

- **Modules to be taken in the School of Medicine:**

GNF 700	Medical physics: Practical work 700
GNF 701	Medical physics: Nuclear medicine 701

GNF 702	Medical physics: Diagnostic radiology 702
GNF 703	Medical physics: Radiation physics 703
GNF 704	Medical physics: Radiotherapy 704
GNF 705	Medical physics: Radiation protection 705

(v) **The following additional requirements are set for the specialisation Pharmacology:**

Admission requirements

- A minimum average of 60% in Pharmacology at undergraduate level.
- In addition, the modules (FAR 381, 382) Pharmacology 381*, 382* must be completed at the Department of Pharmacology, if not completed at undergraduate level.

*Exemption from the examination in FAR 381, 382 may be granted if a student, who obtained a module mark of at least 60%, exercises the option to accept this as the final mark.

(vi) **The following additional requirements are set for the specialisation Anatomy, specifically with regard to Physical Anthropology:**

- Only students who intend to specialise in Physical Anthropology may, in addition to the requirements set in M.8(a) above, also apply for admission, provided that they are in possession of a BA degree with Archaeology as major subject.
- A minimum average of 60% in the modules of the major subjects in the final year of study, is required.
- The module (ANA 122) Human osteology 122 must be taken additionally.

(d) **Examinations**

- (i) The examination at the end of the programme will consist of two written papers of three hours each as well as an oral examination of 30 minutes.
- (ii) For the field of specialisation Medical Physics, one examination of three hours is required in each of the theoretical modules. The mark awarded to the practical work will also be taken into account when the final mark is calculated.
- (iii) The maximum period for completion of the honours degree, is two years in the case of full-time students and three years in the case of part-time students. In exceptional circumstances, a student may apply, in writing, to the head of department for an extension of the period of study.
- (iv) To comply with the pass requirements for the degree, a student must obtain a final mark of at least 50% in each division as indicated, as well as a pass mark of at least 50% for the essay/work assignment (if applicable). The stipulations regarding pass requirements for dissertations in General Regulation G.60.2.1.2(a) apply *mutatis mutandis* to essays.

(e) **Degree with distinction**

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the examination (written, oral, practical, etc).

M.8 Master of Science [MSc]

Also consult General Regulations.

Note:

All MSc students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption may be granted if the module has already been passed for the BScHons degree.) However, students who follow the specialisation Pharmacology for the MSc degree, register for (FAR 872) Pharmacology: Introduction to laboratory research and techniques 872, instead of TNM 800.

(a) **Admission requirements**

Subject to the stipulations of General Regulation G.62, a four-year bachelor's degree is required, or an honours degree, or in the case of a three-year bachelor's degree, also applicable practical (work) experience as prescribed by the University, plus any other additional work deemed necessary by the head of department: With the proviso that the head of department will have the discretion to decide whether the prerequisite qualification, or the qualification plus work experience would be acceptable for admission to the proposed field of study.

(b) **Duration**

The maximum period for completion of the master's degree is four years. Subject to the stipulations of General Regulation G.32, the Chairperson of the School in question may, in consultation with the head of department, approve a fixed limited extension of the period on the grounds of extraordinary circumstances.

(c) **Research protocol**

After registration, a student is required to submit a complete research protocol regarding the proposed dissertation to the MSc Committee of the School and if necessary, also to the Ethics Committee for approval.

(d) **Dissertation**

A dissertation must be submitted via Student Administration at least three months prior to the date of a particular graduation ceremony. A manual on the editing of dissertations is available on request from the head of the department in question.

(e) **Compliance with degree requirements**

In accordance with the stipulations of General Regulation G.40.1, the MSc degree is conferred by virtue of an examination, or an examination and a dissertation, or an examination and an essay, or a dissertation.

(f) **Degree with distinction**

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the examination, or in the examination and the dissertation, or in the examination and the essay, or in the dissertation.

(g) **Fields of specialisation**

The MSc degree is conferred in the following fields of study:

Field of study	Degree code	Examination code	Dissertation/ Essay
Aerospace Medicine	10253251	LRG 800	LRG 890
Anatomy	10253012	ANA 877	ANA 890
Cell Biology	10253102	SBI 800	SBI 890
Chemical Pathology	10253042	CHP 809	CHP 890
Haematology	10253261	HEM 809	HEM 890
Human Genetics	10253072	MGN 800	MGN 890
Human Physiology	10253025	MFG 807	MFG 890
Medical Applied Psychology**	10253322	See par (i)	See par (i)
Medical Criminalistics	10253122	KRT 800	KRT 890
Medical Immunology	10253242	GIM 800	GIM 890
Medical Microbiology	10253032	GMB 805	GMB 890
Medical Nuclear Science	10253062	GKW 800	GKW 890
Medical Oncology	10253301	MDN 800	MDN 890
Medical Physics	10253271	GNF 800	GNF 890
Medical Virology	10253132	GVR 805	GVR 890
Pharmacology	10253052	FAR 805	FAR 890
Radiation Oncology*	10253282	SOZ 805	SOZ 890
Reproductive Biology: Andrology	10253311	RBA 800	RBA 890
Reproductive Biology	10253092	RBI 800	RBI 890
Sports Medicine	10253142	See par (h)	See par (h)
Sports Science	10253143	POK 800	POK 890

* The head of department has the discretion to decide whether the specialisation Radiation Oncology will be presented in a particular year (the number of prospective students applying must justify the presentation of the specialisation in question in a given year).

** Candidates must first consult the Head of the Department of Psychiatry in connection with the offering of this field of specialisation.

(h) The following additional requirements are set for the **MSc in Sports Medicine:**

(i) **Admission**

A candidate for admission to studies for the MSc in Sports Medicine, must be in possession of the MBChB degree of this University, or a qualification deemed equivalent by the University, for at least one year. Additionally, the candidate must be registered as a physician with the Health Professions Council of South Africa.

(ii) **Curriculum**

- SGN 802 Sports medicine 802 (Examination and oral: End of first year of study)
- SGN 800 Sports medicine 800 (Examination, oral and practical: End of second or final year of study)
- SGN 894 Essay: Sports medicine (Preliminary work) 894
- SGN 895 Essay: Sports medicine 895
- DTE 880 Sports dietetics 880
- FSG 880 Sports physiology 880
- SAN 880 Sports anatomy 880

(iii) **Examinations**

- (aa) Examinations in the basic subjects FSG 880, SAN 880 and DTE 880 will take place at the end of the first semester.
- (bb) The examination will comprise a two-hour written paper as well as an oral examination in each module, with a subminimum of 40% required in the written examination. To pass in a module, a minimum final mark of 50% is required.
- (cc) Should a student fail one of the basic subjects, he or she may be allowed to repeat the examination at the end of the second semester.
- (dd) Examinations (two papers of 3 hours each, an oral and a practical), as well as the essay, may only take place/be submitted after completion of the basic subjects.

(iv) **Degree with distinction**

The MSc in Sports Medicine is conferred with distinction on a student who has obtained at least 75% in (SGN 800) Sports medicine 800 and has completed the work assignment at cum laude level.

- (i) The following additional requirements are set for the degree programme **MSc in Medical Applied Psychology** (candidates must, however, first consult with the Head of the Department of Psychiatry as regards the presentation of the specialisation in question):

(i) **Admission requirements**

An appropriate bachelor honours degree. In certain cases, additional modules may be prescribed by the head of department. Only a limited number of students are admitted annually.

(ii) **Curriculum**

- MTS 802 Transcultural practice 802
- MTS 803 Personality theory 803
- MTS 804 Human development 804
- MTS 805 Research methodology 805
- MTS 806 Pathology 806
- MTS 807 Communication theory 807
- MTS 808 Practical work: Medical applied psychology 808
- MTS 890 Dissertation 890

N.B.: Students with previous academic training in Psychology may apply for exemption from certain sections of the programme by virtue of equivalent modules passed at postgraduate level.

M.9 Doctor of Medicine [MD]

Also consult General Regulations.

Please note: All MD students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption may be granted if Applied research methodology 800 has already been passed for the master's degree.)

- (a) For admission to the study for the MD degree, a candidate must be in possession of the MMed or the PhD degree, or a qualification of equivalent status following a MBChB degree – in the case of Family Medicine, the MMed in Family Medicine; and in the case of Pharmacology, the MPharmMed degree of the University of Pretoria. Alternatively, the student must comply with the stipulations as set out in General Reg. G.45.

- (b) The MD degree is conferred by virtue of a thesis and, if the Dean deems it necessary, an examination on the field of study of the thesis.
- (c) A complete research protocol regarding the proposed thesis (as well as the curriculum vitae of the candidate) must be submitted for approval to the Postgraduate Committee and if necessary, also to the Ethics Committee. The thesis must deal with a problem from any field of study in Medicine and must satisfy the supervisor and the examiners that it represents advanced original research and/or creative work in the field of Medicine. It must give an overview of the literature that was used on the topic and contain a description of the observations made and experiments done by the student, as well as a discussion of the conclusions reached.
- (d) The maximum period for completion of the degree is five years. Under exceptional circumstances, a student may apply to the head of department, in writing, for a fixed, limited extension of this period.
- (e) The MD degree can be obtained in the following fields of study:

Field of study	Degree code	Examination code	Thesis
Anaesthesiology	10260011	ANE 900	ANE 990
Anatomy	10260221	ANA 900	ANA 990
Community Health	10260241	GGG 900	GGG 990
Dermatology	10260031	DER 900	DER 990
Family Medicine	10260251	HAK 900	HAK 990
Forensic Medicine	10260061	GGK 900	GGK 990
Geriatrics	10260041	GER 900	GER 990
Haematology	10260291	HEM 900	HEM 990
Health Systems	10260242	GSL 900	GSL 990
Human Physiology	10260342	MFG 900	MFG 990
Internal Medicine	10260051	IGK 900	IGK 990
Medical Microbiology	10260281	GMB 900	GMB 990
Medical Oncology	10260361	MDN 900	MDN 990
Neurology	10260071	NRE 900	NRE 990
Neurosurgery	10260171	NCR 900	NCR 990
Obstetrics and Gynaecology	10260081	OEG 900	OEG 990
Ophthalmology	10260091	OHK 900	OHK 990
Orthopaedics	10260181	ORT 900	ORT 990
Otorhinolaryngology	10260231	ONK 900	ONK 990
Paediatrics	10260101	KGE 900	KGE 990
Pathology	10260111	PAG 900	PAG 990
Pharmacology	10260261	FAR 900	FAR 990
Plastic and Reconstructive Surgery	10260191	PCR 900	PCR 990
Psychiatry	10260121	PSI 900	PSI 990
Public Health	10260243	OGD 900	OGD 990
Radiation Oncology	10260142	SOZ 900	SOZ 990
Radiological Diagnostics	10260131	RDD 900	RDD 990
Reproductive Biology: Andrology	10260012	RBA 900	RBA 990
Reproductive Biology	10260010	RBI 900	RBI 990
Surgery	10260021	CHR 901	CHR 991
Thoracic Surgery	10260211	TCR 900	TCR 990
Urology	10260201	URO 900	URO 990

M.10 Doctor of Philosophy [PhD]
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Also consult General Regulations.

Please note: All PhD students must register for, and attend TNM 800 Applied research methodology 800 satisfactorily. (Exemption will be granted if Applied research methodology 800 had been passed for the master's degree.) However, students following the specialisation Pharmacology for this degree, register for (FAR 872) Pharmacology: Introduction to laboratory research and techniques 872, instead of TNM 800.

- (a) Subject to the stipulations of General Regulations G.45 and G.62, a candidate will only be admitted to the studies for the doctoral degree if he or she holds a MBChB or a master's degree or has been granted the equivalent status.
- (b) **A PhD student must**
 - (i) under the supervision of a supervisor at the university or another institution approved by the Senate, undertake original research to the satisfaction of the examiners; and
 - (ii) submit a thesis which will prove, according to the opinion of the examiners, that he or she has, on the grounds of independent critical judgement, made a distinct contribution towards the enrichment of knowledge in the chosen subject.
- (c) A student for the PhD degree must be registered for the doctoral degree study at the University for at least one academic year before the degree can be conferred.
- (d) The PhD degree is conferred by virtue of a thesis and, should the Dean deem it necessary, an examination on the field of study of the thesis.
- (e) A complete research protocol regarding the proposed thesis (as well as the curriculum vitae of the candidate) must be submitted to the Postgraduate committee of the School in question and if necessary, also to the Ethics Committee for approval. The thesis must deal with a problem from any field of study in the Health Sciences and must satisfy the supervisor and the examiners that it represents advanced original research and/or creative work in the field of the Health Sciences. It must give an overview of the literature that was used on the topic and contain a description of the observations made and experiments done by the student, as well as a discussion of the conclusions reached.
- (f) The doctoral examination will be oral and/or written and will deal with the content of the thesis as well as those subdivisions of the field of study on which the thesis is based, if requested.
- (g) The maximum period for completion of a doctoral degree is five years. Under exceptional circumstances, a student may apply to the head of the department, in writing, for a fixed, limited extension of this period.
- (i) The PhD degree can be obtained in the following fields of study:

Field of study	Degree code	Examination code	Thesis
Anaesthesiology	10260521	ANE 900	ANE 990
Anatomical Pathology	10260441	ANP 900	ANP 990
Anatomy	10260331	ANA 900	ANA 990
Chemical Pathology	10260501	CHP 900	CHP 990
Diagnostic Radiology	10260591	DGR 900	DGR 990
Family Medicine	10260461	HAK 900	HAK 990
Human Genetics	10260421	MGN 900	MGN 990
Human Physiology	10260342	MFG 900	MFG 990
Internal Medicine	10260381	IGK 900	IGK 990
Medical Immunology	10263051	GIM 900	GIM 990
Medical Microbiology	10260351	GMB 900	GMB 990
Medical Nuclear Science	10260481	GKW 900	GKW 990
Medical Oncology	10260431	MDN 900	MDN 990
Medical Physics	10260541	GNF 900	GNF 990
Medical Virology	10260491	GVR 900	GVR 990
Neurology	10260471	NRE 900	NRE 990
Obstetrics and Gynaecology	10260551	OEG 900	OEG 990
Orthopaedics	10260371	ORT 900	ORT 990
Paediatrics	10260511	KGE 900	KGE 990
Pharmacology	10260531	FAR 900	FAR 990
Psychiatry	10260483	PSI 900	PSI 990
Reproductive Biology: Andrology	10260484	RBA 900	RBA 990
Reproductive Biology	10260482	RBI 900	RBI 990
Sports Medicine	10260582	SGN 900	SGN 990
Sport Science	10260581	POK 900	POK 990
Urology	10260391	URO 900	URO 990

II. POSTGRADUATE DIPLOMAS

M.11

A. Postgraduate Diploma in Family Medicine (Code 10220122)

(a) Admission requirements

Prospective students must be in possession of a MBChB degree or equivalent qualification. South African candidates must be registered as a medical doctor with the Health Professions Council of South Africa and non-South Africans as a medical doctor with the Licensing authority in their country of origin, and present acceptable documentary proof to this effect.

(b) Duration

At least one academic year, or a maximum of five years part-time study by means of distance education.

(c) **Curriculum**

(i) **Compulsory modules**

HAK 780	Philosophy and principles of family medicine 780
FFM 780	Family-orientated patient care 780
FMX 780	Practice management 780
FEM 780	Emergency medicine 780

(ii) **Elective modules**

Choose **four** of the following:

FMD 781	Chronic diseases 781
FMG 781	Geriatrics 781
FMS 781	Sports medicine 781
FMI 781	Infectious diseases 781
FMP 781	Physiology 781
FMA 782	Clinically-applied anatomy 782
FMF 781	Psychiatry 781
FMU 781	Rheumatology 781

Note:

Physicians who wish to complete only one (or a few) of the module(s), will be allowed to register for only those modules.

(d) **Assessment**

Assignments as prescribed by the head of department, must be submitted for each of the eight modules. If a student does not achieve at least 50%, one resubmission is permitted for each module.

(e) **Pass requirement**

A minimum final mark of 50% is required as a pass mark for each module.

(f) **Pass with distinction**

An average of at least 75% in the four compulsory modules and the four elective modules is required to obtain the diploma with distinction.

B. Postgraduate Diploma in General Ultrasound [PGDipGUS] (Code 10220096)

(a) **Admission requirements**

Prospective students must be in possession of an MBChB degree. All candidates must be registered as a medical doctor with the Health Professions Council of South Africa. Due to limited resources a selection procedure might need to be applied.

(b) **Duration**

Two academic years.

(c) **Curriculum**

(i) **Year 1**

(Credit value of each module indicated in brackets)

Module	Module code
Semester 1:	
Applied ultrasound imaging of the body 710	ULT 710 (4)
Applied ultrasound physics 711	ULT 711 (2)
Applied ultrasound pathology 712	ULT 712 (4)
Basic abdominal ultrasound 713	ULT 713 (10)
Semester 2:	
Basic pelvic ultrasound 720	ULT 720 (14)
Ultrasound of small body parts 721	ULT 721 (14)
Elective module: Cardiac ultrasound 722	ULT 722 (12)
Elective module: Obstetrics 723	ULT 723 (12)
Elective module: General 724	ULT 724 (12)
Elective module: Vascular 725	ULT 725 (12)

(ii) **Year 2**

(Credit value of each module indicated in brackets)

Module	Module code
Semester 3:	
Abdominal ultrasound 730	ULT 730 (14)
Obstetric ultrasound 731	ULT 731 (14)
Elective module: Cardiac ultrasound 732	ULT 732 (12)
Elective module: Obstetrics 733	ULT 733 (12)
Elective module: General 734	ULT 734 (12)
Elective module: Vascular 735	ULT 735 (12)
Semester 4:	
Pelvic ultrasound 740	ULT 740 (8)
Elective module: Cardiac ultrasound 742	ULT 742 (12)
Elective module: Obstetrics 743	ULT 743 (12)
Elective module: General 744	ULT 744 (12)
Elective module: Vascular 745	ULT 745 (12)

Select one of the following at the end of the first semester:

Cardiac ultrasound
 Obstetrics
 General
 Vascular

(d) **Total number of credits required**

120

(e) **Examinations and pass requirements**

- (i) Students must obtain a minimum mark of 50% in all the practical assessments and assignments assigned every semester.
- (ii) A practical examination will take place at the end of the two-year programme.
- (iii) The final written examination takes the form of a portfolio of the continuous written assessments completed during each module.
- (iv) A minimum final mark of 50% is required in both the portfolio and the practical examination to pass.

(f) **Pass with distinction**

An average of at least 75% in all modules is required to obtain the diploma with distinction.

Special refresher course for medical practitioners

A one-week course for medical practitioners is presented annually by the School of Medicine with clinical presentations by various departments in the afternoons and evenings. The School also offers an annual intensive two-day course in one main field of study.

A medical practitioner who wishes to update his or her knowledge, may register as a special postgraduate student in the School of Medicine (Medicine Special). He or she will then have the opportunity to attend demonstrations and discussions and to participate in work as determined by the head of the department concerned.

Visiting postgraduate students (Code 10290001)

A medical practitioner or specialist physician may apply to register as a postgraduate visiting student for non-examination purposes for a period/s of one month or longer as preferred, during which period he or she may work in a department of his/her choice. The nature of this work will be determined by each head of department. Periods of time completed in this way, will not be recognised as periods of formal training for the purposes of specialisation.

Medicine Special (Undergraduate)

Individual modules – not for degree purposes.

Code	Description
10180001	Medicine Special (Undergraduate) Prinshof Campus
10185021	Medicine Special (Cuban students: Prinshof Campus)
10190001	Medicine Foreign (Non-examination purposes) Visiting Undergraduate

Medicine Special (Postgraduate) (Code 10280001)

Registration as a postgraduate candidate with a view to complete examinations in prerequisite subjects for MMed (with approval of the Chairperson of the School and heads of departments in question), until such time as a registrarship becomes available. Neither the University of Pretoria nor the province is under any obligation whatsoever, to appoint such a student as a registrar or to give him or her precedence over other candidates to be appointed.