

**FACULTIES OF THE
UNIVERSITY OF PRETORIA**

HUMANITIES
NATURAL AND AGRICULTURAL SCIENCES
LAW
THEOLOGY
ECONOMIC AND MANAGEMENT SCIENCES
VETERINARY SCIENCE
EDUCATION
HEALTH SCIENCES
ENGINEERING, BUILT ENVIRONMENT AND INFORMATION TECHNOLOGY

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PRETORIA
0002**

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- Prosthodontics

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- Occupational Therapy
- Physiotherapy
- Radiography

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- Public Health Medicine

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- Aerospace Medicine
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- Anatomical Pathology
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- Haematology
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- Medical Oncology
- Medical Virology
- Neurology
- Neurosurgery
- Nuclear Medicine
- Obstetrics and Gynaecology
- Ophthalmology
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- Otorhinolaryngology
- Paediatrics
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- Physiology
- Plastic Surgery
- Psychiatry
 - Nelson Mandela Chair in
Philosophy and Ethics of Mental
Health
- Radiation Oncology
- Radiology
- Sports Medicine
- Surgery
- Urology

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

CENTRE FOR SPORT SCIENCES: SPORTS MEDICINE DIVISION

NELSON MANDELA CHAIR IN PHILOSOPHY AND ETHICS OF MENTAL HEALTH

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FACULTY OF HEALTH SCIENCES
**SCHOOLS OF MEDICINE, HEALTHCARE SCIENCES, HEALTH SYSTEMS AND PUBLIC
HEALTH, DENTISTRY,**
CENTRE FOR SPORT SCIENCES: SPORTS MEDICINE DIVISION
AND THE
**NELSON MANDELA CHAIR IN PHILOSOPHY AND ETHICS OF
MENTAL HEALTH**

ACADEMIC PERSONNEL AS AT 30 JUNE 2009

DEAN

Prof. T.J. Mariba
MBChB(Natal) FCP(SA) FRCP(London)

DEPUTY DEAN

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

SCHOOL OF MEDICINE

Chairperson:

Prof. B.G. Lindeque
MBChB MMed(O et G)(Pretoria) 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 (Appointed as from 1 October 2009) |
| Fulford, K.W.M., MB BChir MA(Cambridge) MA DPhil(Oxon)..... PhD(London) FRCP FRCPsych | Extraordinary Professor |
| Clinical Epidemiology Division | |
| Rheeder, P., MBChB MMed(Int)(Pretoria) MSc(Clin Epi)(Rotterdam) PhD(Utrecht) | Professor (Head) |
| Duim-Beytell, M.C., MBChB MSc(Clin Epi)(Pretoria) | Senior Clinical Research Assistant |
| 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) |
| Collins, R.M., MBChB MSc(Sports Medicine)(Pretoria) | Extraordinary Lecturer |
| Oschman, Z., MBChB(Pretoria) Dip in Childhealth(Witwatersrand)..... MSc(Sports Medicine)(Pretoria) | Extraordinary Lecturer |
| Patricious, J., MBChB(Witwatersrand) MMedSci(Sheffield)..... | Extraordinary Lecturer |
| Ramagole, D.A., MBChB(Medunsa) MSc(Sports Medicine)(Pretoria)... | Senior Lecturer |
| Grant, C.C., Nat Dip Analyt Chem(TUT) BSc(Unisa) | Lecturer |
| BSc(Hons) MSc(Pretoria) | |

Department of Anatomy

| | |
|--|-------------------------|
| Meiring, J.H., MBChB MPraxMed(Pretoria) M.Akad.SA | Professor (Head) |
| Carmichael, S.W., AB(Biology)(Kenyon Coll, Ohio) | Honorary Professor |
| PhD(Tulane Univ, New Orleans) | |
| Maat, G.J.R., MBChB MD PhD(Leiden) | Honorary Professor |
| Thackeray, J.F., MSc(Cape Town) MPhil(Anthropology) | Honorary Professor |
| PhD(Anthropology)(Yale) | |
| Pretorius, E., BSc(Hons) MSc(Stellenbosch) PhD(Pretoria) | Professor |
| DTI(Pretoria) | |
| Steyn, M., MBChB(Pretoria) PhD(Witwatersrand) | Professor |
| Abrahams, P.H., MBBS(Middlesex Hospital, London) | Extraordinary Professor |
| Bosman, M.C., BMedSci(Pretoria) BSc(Med)(Hons) MSc(Med) | Associate Professor |
| PhD(Medunsa) | |
| Raath, R.P., MBChB(Stellenbosch) MMed(Anaes)(Pretoria)..... | Extraordinary Lecturer |
| Shanahan, D., PhD(NUI, Galway)..... | Extraordinary Lecturer |
| Bester, M.J., BSc MSc(Pretoria) PhD(Witwatersrand) | 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 |
| Oetlél, A.C., MBChB(Witwatersrand) MSc(Anat) DTI(Pretoria) | Senior Lecturer |
| Briers, N., BSc(Stellenbosch) MSc DTI(Pretoria)..... | Lecturer |
| Jacobs, C.J., BSc(Hons)(Anat) Dip Museology DTI(Pretoria)..... | Lecturer |
| Keough, N., BSc(MedSci) BSc(Hons) MSc(Anat)(Pretoria) | Lecturer |
| Louw, F.S., MBChB DTI (Pretoria) | Lecturer |
| Van Schoor, A.A., BSc(MedSci) BSc(Hons) MSc(Anat)(Pretoria) | Lecturer |

Department of Anatomical Pathology

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

Department of Anaesthesiology

| | |
|--|--------------------------------------|
| Rantloane, J.L.A., MBChB MMed(Anaes)(Medunsa)..... | Professor/Chief Specialist (Head) |
|--|--------------------------------------|

| | |
|---|--|
| Fourie, P.J.H.L., MBChB MMed(Anaes)(Pretoria) GKN(SA) | Professor/Chief Specialist |
| Milner, A., MBBCh(Witwatersrand) MPharmMed | Adjunct Professor/ Principal Specialist |
| MMed(Anaes)(Pretoria) GKN(SA) FRCP(Alberta) LMCC(Canada) | |
| Oosthuizen, E.E., MBChB MMed(Anaes)(Pretoria) DA(SA) | Adjunct Professor/ Principal Specialist |
| Smith, F.J., BSc(Pharm)(Potchefstroom) MBChB | Adjunct Professor/ Principal Specialist |
| MMed(Anaes) MD(Pretoria) GKN(SA) UVLM(SA) FTCL | |
| Alberts, A.N.J.D., MBChB MMed(Anaes)(Pretoria) DA(SA) | Senior Lecturer/ Principal Specialist |
| DipPEC(SA) GKN(SA) | |
| Nel, M.S., MBChB(Pretoria) MMed(Medunsa) | Senior Lecturer/ Principal Specialist |
| De Bruin, J.C., MBChB MMed(Anaes)(Pretoria) DA DipPEC(SA) | Senior Lecturer/ Specialist |
| Ingram, H., MBChB(Pretoria) MMed(Anaes)(Free State) | Senior Lecturer/ Specialist |
| Schutte, H., MBChB MMed(Anaes)(Pretoria) | Senior Lecturer/ Specialist |
| Dippenaar, J.M., MBChB MMed(Anaes)(Pretoria) DA DObst(SA) | Lecturer/Specialist |
| Nienaber, L.N., MBChB MMed(Pretoria) DA(SA) FCA(SA) | Lecturer/Specialist |
| Papaikonou, S., MBChB MMed(Anaes)(Pretoria) DA(UK) | Lecturer/Specialist |
| Spijkerman, S., MBChB MMed(Anaes)(Pretoria) DA(SA) | Lecturer/Specialist |
| Venter, G.S.P.W., MBChB MMed(Anaes)(Pretoria) | Lecturer/Specialist |
| DA(SA) FCA(SA) | |
| Voigt, M., MBChB MMed(Pretoria) DA(SA) FCA(SA) | Lecturer/Specialist |
| Department of Cardiology | |
| Vacant | (Head) |
| Mwangi, M.N., MBChB(NBI) FCP(SA) DTMH(Pretoria) | Lecturer/Specialist |
| Dip HIV Man(SA) Cert Cardiology(SA) | |
| Adeyemo, A.O., MBBS MCFP(SA) FCP(SA) | Lecturer/Specialist |
| Department of Chemical Pathology | |
| Oosthuizen, N.M., MBChB(Pretoria) FCPATH(SA)(Chem) | Senior Lecturer/ Senior Specialist (Acting Head) |
| Kiabilua, Z.M.O., BSc MD(Kinshasa) FCPATH(SA)(Chem) | Senior Lecturer/ Senior Specialist |
| Laurens, J.B., MSc PhD(Pretoria) | Senior Lecturer |
| Govender, R., MBChB(Pretoria) FCPATH(SA)(Chem) | Lecturer/Specialist |
| MMed(Path: ChemPath)(Pretoria) | |
| Department of Family Medicine | |
| Meyer, H.P., MBChB MPraxMed(Pretoria) MFGP(SA) | Professor/Chief Family Physician (Acting Head) |
| Marcus, T.S., BSc(Econ)(London School of Economics) | Extraordinary Professor |
| MSc PhD(Lodz, Poland) | |
| Cameron, D.A., MBChB(Cape Town) MPraxMed(Medunsa) | Associate Professor/ Senior Specialist |
| MPhil(PallMed)(Cape Town) | |
| Delport, R., BA et Scien(Nursing)(Potchefstroom) | Associate Professor |
| BCur(IntCare) (Hons) MSc(Physiol) PhD(ChemPath) | |
| MEd(Computer-integrated Education)(Pretoria) | |

| | |
|---|--|
| Hugo, J.F.M., MBChB MFamMed(Free State) | Associate Professor |
| Matthews, P.A., MBChB(Cape Town) MPraxMed(Medunsa) | Adjunct Professor/ Principal Family Physician |
| MFGP(SA) | |
| Smith, S., MBChB(Free State) MPraxMed(Pretoria) | Adjunct Professor/ Senior Specialist |
| Fellow: Royal Society of Tropical Medicine and Hygiene | |
| Engelbrecht, A., MBChB MMed(FamMed)(Pretoria) DA(SA)..... | Senior Lecturer/ Principal Family Physician (Emergency Medicine) |
| DipPEC(SA) | |
| Britz, E.N., MBChB MPraxMed(Pretoria) | Senior Lecturer/ Senior Family Physician |
| Geyser, M.M., BSc(Computer Sci) MSc MBChB MPraxMed(Pretoria) .. | Senior Lecturer/ Senior Family Physician |
| BSc(Pharm)(Hons)(Potchefstroom) DipPEC(SA) FCEM(SA) | |
| MSc(Clinical Epidemiology)(Pretoria) | |
| Kenny, P.T., MBChB MPraxMed(Pretoria) | Senior Lecturer/ Senior Family Physician |
| Dip (PallMed)(Cape Town) | |
| Bondo, C., MBChB(Congo) MMed(FamMed)(Pretoria) | Senior Lecturer/ Senior Specialist |
| Heystek, M.J., MBChB MPraxMed(Pretoria) | Senior Lecturer/ Senior Specialist |
| Zele, N.P., MBChB(Univ of Transkei) MFamMed(Free State) | Senior Lecturer/ Senior Specialist |
| Arangie, P.A.R., BSN MSc MSN PhD(FamNursPract) | Senior Lecturer |
| APRN BC(USA) | |
| Chundu, R.C.M., BSc MBChB(Univ Zambia) | Senior Lecturer |
| MMed(FamMed)(Pretoria) | |
| De Villiers-Smit, P., MBChB MMed(FamMed) | Senior Lecturer |
| DipOccH(Pretoria) | |
| Duvenage, H.S., MBChB MMed(FamMed)(Pretoria) | Senior Lecturer |
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| Peters, F., MBChB(Pretoria) MFamMed(Free State) SGR(Unisa)..... | Senior Lecturer |
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| MMed(FamMed)(Pretoria) | |
| Smith, S., MBChB(Free State) MPraxMed(Pretoria) | Senior Lecturer |
| Fellow: The Royal Society of Tropical Medicine and Hygiene | |
| Tiamiyu, M.Y., MBBC(Lagos) DipObs(SA) BSc(Stellenbosch) | Senior Lecturer |
| MMed(FamMed)(Medunsa) | |
| Ukpe, I.S., MBChB(Calabar) DTM&H(London) | Senior Lecturer |
| MMed(FamMed)(Pretoria) FACTM(Australia) | |
| Fellow: Royal Society of Tropical Medicine and Hygiene | |
| Van Ramensdonk, C., MBChB(Pretoria) DipPEC(SA) | Senior Lecturer |
| MFamMed(Free State) | |
| Van Rooyen, M., MBChB MMed(FamMed)(Pretoria) | Senior Lecturer |
| Kuthier, A., MBChB(Pretoria) | Lecturer/Specialist |
| Mathijs, S., MBChB(Pretoria) DipPEC(SA) MPharmMed(Pretoria) | Lecturer/Specialist |
| Nkombua, L., MD(Kinshasa) MMed(FamMed)(Pretoria) | Lecturer/Specialist |
| Rossouw, T.M., MBChB MPhil(Stellenbosch) | Lecturer/Specialist |
| Hitchcock, S., MBChB(Cape Town) MPraxMed(Pretoria) | Lecturer/ Family Physician |
| Firmin, C., MBChB(Medunsa) | Lecturer |
| Hoffeldt, A., MBChB(Pretoria) | Lecturer |
| Joubert-Bultman, S.J., MBChB(Pretoria) | Lecturer |

| | |
|--|---|
| Motlhaga, M.D., MBChB(Medunsa) | Lecturer |
| Venayagamoorthy, M.M., MB BS BSc(Biology)(East Yangon Univ) | Lecturer |
| Department of Forensic Medicine | |
| Saayman, G., MBChB MMed(Path:MedForens)(Pretoria) | Professor/ Chief Specialist/ (Head) |
| FCForPath(SA) | |
| 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/ Principal Specialist |
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| LKForensPath(SA) DipForensMed(SA) | |
| Du Toit-Prinsloo, L., MBChB MMed(Path:MedForens)(Pretoria) | Lecturer/Specialist |
| DipForensMed(SA)(Pat) | |
| 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) |
| Moodley, V., MBChB(Cape Town) MMed(Haemat)(Medunsa) | Senior Lecturer/ Senior Specialist |
| Swart, A.M., MBChB MPraxMed MMed(Path:Haemat)(Pretoria) | Senior Lecturer/ Principal Specialist |
| Potgieter, J.J.C., MBChB MMed(FamMed) | Lecturer/Specialist |
| MMed(Path:Haemat)(Pretoria) | |
| Esterhuizen, M., MBChB MMed(Path:Haemat)(Pretoria) | Lecturer/Specialist |
| Department of Immunology | |
| Anderson, R., BSc(Hons)(Glasgow) MSc PhD(Witwatersrand) | Professor/Chief Specialist (Head) |
| Cassol, S.A., BSc(Hons) MSc(Queens Univ) PhD(McGill, Canada) | Professor |
| Olckers, 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 |
| Theron, A.J., BSc MSc PhD(Pretoria) THED | Associate Professor Principal Specialist |
| 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 |
| Fickl, H., BSc(Hons)(Unisa) MSc PhD(Pretoria) | 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/Chief Specialist (Head) |
| Retief, J.H., MMed(Int)(Pretoria) | Professor/Chief Specialist |
| Van der Merwe, M.T., MBChB(Pretoria) PhD(Witwatersrand) | Extraordinary Professor |
| Ally, M.M.T.M., MBBCh(Witwatersrand) Rheumat FCP(SA) | Associate Professor/ Principal Specialist |
| Mwantembe, O., MBChB MRCP(UK) PhD(Edinburgh) | Associate Professor/ Principal Specialist |
| LRCF(London) | |

| | |
|---|---|
| Tintinger, G.R., MBCh(Witwatersrand) MMed PhD(Pretoria) | Associate Professor/ Principal Specialist |
| Visser, S.S., MMed(Int) PhD(Pulmonology)(Pretoria) | Associate Professor/ Principal Specialist |
| Potgieter, C.D., MMed(Int)(Pretoria) | Adjunct Professor/ Principal Specialist |
| Van Zyl, D.G., MMed(Int)(Pretoria) FCP(SA) | Adjunct Professor/ Principal Specialist |
| Nagel, G.J., MMed(Int)(Pretoria) DTH..... | Senior Lecturer/ Principal Specialist |
| Elnagar, A.A., MBChB(Univ Khartoum Sudan) FCP(SA) MRCP(UK).... | Senior Lecturer/ Senior Specialist |
| Levy, P., MMed(Int)(Pretoria) | Senior Lecturer/ Senior Specialist |
| Ribeiro Da Costa, M.M., MBChB(Pretoria) MMed(Int)(Witwatersrand) .. | Senior Lecturer/ Senior Specialist |
| Sommers, R., MMed(Int) MPharmMed(Pretoria) | Senior Lecturer/ Senior Specialist |
| Steyn, G.J., MBChB(Pretoria) MMed(Int)(Medunsa)..... | Senior Lecturer/ Senior Specialist |
| Bierman, H., MBChB MMed(Int)(Pretoria)..... | Lecturer/Specialist |
| Bösenberg, L.H., MBChB MMed(Int)(Pretoria)..... | Lecturer/Specialist |
| Delpoort, E.F., MBChB MMed(Int)(Pretoria) | Lecturer/Specialist |
| Ellimden, S., MMed(Int)(Pretoria)..... | Lecturer/Specialist |
| Mostert, C.J., MBChB MMed(Int)(Pretoria) | Lecturer/Specialist |
| Pannell, N., MBChB MMed(Int)(Pretoria)..... | Lecturer/Specialist |
| Louw, D., MPharmMed(Pretoria)..... | Junior Lecturer/ Principal Medical Officer |

Dermatology Division

| | |
|---|---|
| Jacyk, W.K., MD(Wroclaw, Poland) | Professor/Chief Specialist (Acting Head) |
| Moche, M.J., MBChB MMed(Derma)(Witwatersrand)..... | Senior Lecturer/ Principal Specialist |
| Wentzel, L.F., BSc MBChB MMed(Med)(Pretoria)..... | Senior Lecturer/ Senior Specialist |
| Tenea, I., MD(Bucharest) MBChB MMed(Derm)(Pretoria) | Lecturer/Specialist |

Department of Medical Microbiology

| | |
|--|--------------------------------------|
| Hoosen, A.A., MSc MBChB MMed(Natal) FCPATH..... | Professor/Chief Specialist (Head) |
| Dove, M.G., MBChB(Pretoria) MMed(Path:Microb)(Free State) | Emeritus Professor |
| Ehlers-Van der Zel, M.M., BSc(Agric) BSc(Agric)(Hons) | Associate Professor |
| MSc(Agric) PhD(Pretoria) Post Doct (2 years) | |
| Ahmed, K., BSc(Westville) MBChB(Natal) MMed(Micro)(Medunsa)..... | Senior Lecturer/Specialist |
| FCPath(Micro) | |
| Ismail, N.A., MBChB FCPATH(Micro) MMed(Micro)(Medunsa)..... | Senior Lecturer/Specialist |
| DTM&H(Witwatersrand) PDIC(Stellenbosch) | |
| Lekalakala, M.R., BSc(Micro) MBChB(Medunsa) | Senior Lecturer/Specialist |
| MMed(Micro)(Univ of Limpopo: Medunsa) | |
| DTM&H(Witwatersrand) PDIC(Stellenbosch) | |

Department of Medical Oncology

| | |
|---|--|
| Dreosti, L.M., BSc(Hons) MBCh(Witwatersrand)..... FCP(College of Physicians)(SA) | Professor/Chief Specialist (Head) |
| Slabber, C.F., MBCh FCP(College of Physicians)(SA)..... | Senior Lecturer/ Specialist (Part-time) |
| Vorster, A., MBChB MMed(Int)(Pretoria) Cert(MedOncology) | Senior Lecturer/ Specialist (Part-time) |
| Khanyile, T.M., MBChB MMed(Int)(Medunsa) | Senior Lecturer/Specialist |
| Beltchev, E.D., MBChB (Med Univ Sofia, Bulgaria) | Lecturer/Medical Officer |
| 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 |
| Minyuku, K.F., MBChB(Medunsa)..... | Lecturer/Medical Officer |
| Pretorius, F.J., MBChB(Pretoria)..... | Lecturer/Medical Officer |
| Agenbag, W.A., BPharm(Potchefstroom)..... | Research Officer |
| Cronje, D., DipNurse | Research Officer |
| Mertz, M.S., BPharm(Hons) MSc(Pharm)(Potchefstroom) | Research Officer |
| PhD(Pretoria) | |
| Schoeman, L., BPharm(Potchefstroom) BA(Hons)(Pretoria)..... | Research Officer |
| PhD(Natal) | |
| Jooste, L., NatDip(Microbiol)(TUT)..... | Research Officer |
| Swart, T., BPharm(Potchefstroom) | Research Officer |
| Taverner, A.J., BCur(Pretoria)..... | Research Officer |

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 |
| Martin, D.J., MBCh MMed(Path)(Virol)(Witwatersrand)..... | Extraordinary Professor |
| Venter, M., BSc BSc(Hons) MSc(Pretoria)..... | Senior Lecturer/ Medical Scientist |
| PhD(MedVirol)(Witwatersrand) | |

Department of Neurology

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

Department of Neurosurgery

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

Department of Nuclear Medicine

| | |
|---|--------------------------------------|
| Sathekge, M.M., MBChB MMed(Nucl Medicine)(Medunsa)..... | Professor/Chief Specialist (Head) |
| Maes, A., MD PhD(Catholic Univ Louvain, Belgium) | Extraordinary Professor |
| Van de Wiele, C., MD PhD(Gent, Belgium)..... | Extraordinary Professor |
| Mokgoro, N.P., MBChB MMed(Nucl Medicine)(Medunsa)..... | Lecturer/Specialist |
| Nyakale, N.E., MBChB FCNP(SA) | Lecturer/Specialist |
| Soni, N., MBChB FCNP(SA) | Lecturer/Specialist |

Department of Obstetrics and Gynaecology

| | |
|---|--|
| Lindeque, B.G., MBChB MMed(O et G)(Pretoria) MD(Stellenbosch) GKOG(SA) M.Akad.SA | Professor/Chief Specialist (Head) |
| Pattinson, R.C., BSc MBCh(Witwatersrand) MMed(O et G)..... MD(Stellenbosch) FCOG(SA) MRCOG(Royal Coll) | Professor/Chief Specialist |
| Dreyer, G., MBChB MMed(O et G)(Pretoria) FCOG(SA)..... | Adjunct Professor/ Principal Specialist |
| MacDonald, A.P., MBChB(Cape Town) MMed(O et G)(Pretoria) | Adjunct Professor/ Principal Specialist |
| FRCOG(Royal Coll) | |
| Snyman, L.C., MBChB MPraxMed MMed(O et G)(Pretoria)..... FCOG(SA) | Adjunct Professor/ Principal Specialist |
| Amoko, D.H.A., MBChB(Makerere Univ, Kampala) | Senior Lecturer/ Principal Specialist |
| MSc(Community Medicine) MHSc(British Columbia) | |
| MMed(O et G)(Univ of Limpopo) DTM&H(Witwatersrand) | |
| Biko, N.J., MBCh(Witwatersrand) MMed(O et G)(Pretoria) | Senior Lecturer/ Senior Specialist |
| FCOG(SA) | |
| Mouton, A., BSc(Pharm)(Potchefstroom) MBChB MPraxMed | Senior Lecturer/ Senior Specialist |
| MMed(O et G)(Pretoria) FCOG(SA) | |
| Mulder, J.P., MBChB MMed(O et G)(Pretoria) FCOG(SA) | Senior Lecturer/ Senior Specialist |
| Swart, P., MBChB MMed(O et G)(Pretoria) | Senior Lecturer/ Senior Specialist |
| Lombaard, HA du T., MBChB MMed(O et G)(Pretoria)..... | Senior Lecturer/Specialist |
| FCOG(SA) | |
| Abdool, Z., MBChB(Medunsa) MMed(O et G)(Pretoria) | Lecturer/Specialist |
| FCOG(SA) | |
| Chauke, H.L., MBChB(Cape Town) MMed(O et G)(Pretoria) | Lecturer/Specialist |
| FCOG(SA) | |
| Du Plessis, J., MBChB MMed(O et G)(Pretoria) FCOG(SA)..... | Lecturer/Specialist |
| Herbst, U., MBChB MMed(O et G)(Pretoria) FCOG(SA) | Lecturer/Specialist |
| Mbele, A.M., MBChB(Medunsa) MMed(O et G)(Pretoria) FCOG(SA) ... | Lecturer/Specialist |
| Makwela, M.R., MBChB(Cape Town) MMed(O et G)(Pretoria) | Lecturer/Specialist |
| FCOG(SA) | |
| Shaik, M.Z., MBChB(Medunsa) MMed(O et G)(Pretoria) FCOG(SA) | Lecturer/Specialist |
| Soma-Pillay, P., MBChB MMed(O et G)(Pretoria) | Lecturer/Specialist |
| FCOG(SA) | |
| Makin, J.D., MBCh(Witwatersrand) BSc(Hons)(Stellenbosch) | Lecturer/Medical Officer |

Department of Ophthalmology

| | |
|--|--------------------------------------|
| Roux, P., MBChB MPraxMed MMed(Ophth)(Pretoria)..... | Professor/Chief Specialist (Head) |
| GKC(Ophth)(SA) FRC(Ophth)(London) DVG(Pretoria) | |
| Carrim, S.S., MBChB(Medunsa) MMed(Ophth)(Pretoria) | Lecturer/Specialist |
| Motala, M., MBChB(Medunsa) FCO(SA) | Lecturer/ Medical Officer |

Department of Orthopaedics

| | |
|--|---|
| Myburgh, J.G., MBChB MMed(Orth)(Pretoria) LKC(Orth)(SA) | Senior Lecturer/ Principal Specialist (Acting Head) |
| Le Roux, T.L.B., MBChB MMed(Orth)(Pretoria) FRC(Orth)(SA)..... | Adjunct Professor/ Chief Specialist |
| Motsitsi, N.S., MBChB(Medunsa) MMed(Orth) FCS(ASEA) | Senior Lecturer/ Chief Specialist |
| Close, V.M., MBChB FRCS FRC(Orth)(SA)..... | Senior Lecturer/ Principal Specialist |
| Vlok, A.L., MBChB(Stellenbosch) MMed(Orth)(Pretoria) | Senior Lecturer/ Principal Specialist |
| Liberthal, W., MBChB MMed(Orth)(Pretoria) FCS(Orth)(SA) | Senior Lecturer/ Principal Specialist |
| Sombili, S., MBChB Dip Orth(SA) FC(Orth)(SA) MMed(Orth) | Senior Lecturer/ Principal Specialist |
| Visser, C.C., MBChB MMed(MedPhys)(Pretoria) | Senior Lecturer/ Senior Specialist |
| Chagwiza, T., MBChB(UZ) FRCS(Ed) FC(Orth)(SA)..... MMed(Orth)(Pretoria) | Lecturer/Specialist |
| Kruger, T.G., MBChB MMed(Orth)(Pretoria) FCS(Orth)(SA)..... | Lecturer/Specialist |
| Lourens, D.J., MBChB MSc(Sport) MMed(Orth)(Pretoria)..... FC(Orth)(SA) | Lecturer/Specialist |
| Snyckers, C.H., MBChB MMed(Orth)(Pretoria) FCS(Orth)(SA)..... | Lecturer/Specialist |

Department of Otorhinolaryngology

| | |
|---|--|
| Tshifularo, M.I., MBChB(Natal) FRCS(Orl) FCS(Orl)(CMSA) | Professor/Chief Specialist (Head) |
| Mulder, A.A.H., MPraxMed MMed(ORL)(Pretoria)..... | Emeritus Professor |
| Monama, G., MBChB MMed(ORL)(Medunsa) | Senior Lecturer/ Principal Specialist |
| Moolman, G.M., MMed(ORL)(Pretoria) | Senior Lecturer/ Principal Specialist |

Department of Paediatrics

| | |
|--|--|
| Green, R.J., MBChB DCH(SA) FCP(SA) MMed(Paed) | Associate Professor Principal Specialist (Acting Head) |
| FCCP PhD(Witwatersrand) Dip Allerg(SA) | |
| Delpont, S.D., MMed(Paed) MPharmMed PhD(Pretoria) | Associate Professor/ Principal Specialist |
| Avenant, T.J., MBChB MMed(Paed)(Pretoria) | Adjunct Professor/ Senior Specialist |
| Smuts, I., BSc MMed(Paed)(Pretoria)..... | Adjunct Professor/ Senior Specialist |
| Malek, A.J.E., MBChB MMed(Paed)(Pretoria) FCPaed(SA)..... | Senior Lecturer/ Principal Specialist |
| Opperman, J.C., MMed(Path) MMed(Paed) DVG(Pretoria)..... DTM&H(Witwatersrand) | Senior Lecturer/ Principal Specialist |
| Takawira, F.F., FC(Paed)(SA) DTM&H MMed(Paed)(Witwatersrand)... | Senior Lecturer/ Principal Specialist |

| | |
|--|---------------------------------------|
| Bomela, H.N., MBChB(Natal) DCH(SA) FC(Paed)(SA)..... | Senior Lecturer/ Senior Specialist |
| MMed(Paed)(Witwatersrand) Fellow in Perinatal-Neonatal Medicine(Univ of Texas South Medical Centre, Dallas) | |
| De Witt, T.W., MMed(Paed) DTI(Pretoria) | Senior Lecturer/ Senior Specialist |
| Van Biljon, G., MMed(Paed)(Pretoria) FCP(Paed)(SA) | Senior Lecturer/ Senior Specialist |
| Feucht, U., MBChB(Stellenbosch) FC(Paed)(SA)..... | Senior Lecturer/Specialist |
| MMed(Paed)(Pretoria) Dip HIV Management(Pretoria) | |
| Lubbe, E., MBChB(Pretoria) DA(SA) FC(Paed)(SA)..... | Senior Lecturer/Specialist |
| Cert(Paed) Neurology(SA) | |
| Masekela, R., MBBCh(Witwatersrand) MMed(Paed)..... | Senior Lecturer/Specialist |
| DipAllerg(SA) Cert Pulm(SA) Paed FCCP | |
| Mulaudzi, M.C., MBChB(Natal) MMed(Paed)(Pretoria) | Senior Lecturer/Specialist |
| Dip HIV Management(SA) | |
| Reynders, D.T., FC(Paed)(SA) MRCP CH(London) | Senior Lecturer/Specialist |
| Cert Med Oncology(Paed)(SA) | |
| Joshi, J.A., MBBCh(Witwatersrand) FC(Paed)(SA) | Lecturer/Specialist |
| Kitchin, O.P., MBChB(Natal) FC(Paed)(SA) Dip Allerg(SA)..... | Lecturer/Specialist |
| Sert Pulm(SA)(Paed) | |
| Mitchell, B.J., MBChB MMed(Paed)(Pretoria)..... | Lecturer/Specialist |
| Moodley, T., MBChB(Pretoria) FC(Paed)(SA) Dip Allerg(SA)..... | Lecturer/Specialist |
| Omar, F.E., MBChB(Pretoria) FC(Paed)(SA)..... | Lecturer/Specialist |
| Pretorius, I., MBChB(Pretoria)(FC)(Paed)(SA) | Lecturer/Specialist |
| Snyman, P.J., MBChB(Pretoria) FC(Paed)(SA) DipPEC(SA) | Lecturer/Specialist |
| Terblanche, A., MMed(Paed)(Pretoria) FC(Paed)(SA) DipAllerg..... | Lecturer/Specialist |
| Van Rooyen, E., MBChB MPharmMed(Pretoria) DCH(SA) | Lecturer/Principal Medical Officer |

Department of Pharmacology

| | |
|---|---------------------|
| Greeff, O.B.W., MBChB FCFP(SA) MPharmMed (Pretoria) | Professor (Head) |
| FFPM(RCP) MD(Psych)(KwaZulu-Natal) | |
| Medlen, C.E., BSc(Agric) MSc PhD(Pretoria) | Professor |
| Steenkamp, V., BSc BSc(Hons) MSc(Pretoria)..... | Associate Professor |
| PhD(Witwatersrand) HED(Unisa) | |
| 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)..... | Lecturer |

Department of Physiology

| | |
|---|-------------------------|
| Van Papendorp, D.H., MBChB(Pretoria) BSc(Hons) | Professor (Head) |
| MSc PhD(Stellenbosch) M.Akad.SA | |
| Haag, M., MSc DSc(Pretoria)..... | Professor |
| Viljoen, M., MSc PhD (Pretoria) PhD(Witwatersrand) | Professor |
| Nat Dip(Microbiology) | |
| Dippenaar, N.G., MSc(Stellenbosch) MPhil (Cantab) PhD(Medunsa)... | Extraordinary Professor |
| DipMedTech(ChemPat) | |
| 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)..... | Associate Professor |
| Fellow: European Society of Cardiology | |

| | |
|--|--|
| 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 |
| Adams, C., MSc(Western Cape)..... | Lecturer |
| Govender, C.O., BSocSci(Hons) MA(ClinPsychol)(Pretoria)..... | Lecturer |
| Govender, R., MBChB(Medunsa) FCPATH(Chem)(SA)..... | Lecturer |
| MMed(Path: ChemPath)(Pretoria) | |
| Jay-du Preez, T., MBChB(Pretoria) DipRad..... | Lecturer |
| Koorts, A.M., MSc(Pretoria)..... | Lecturer |
| Abraham, S., MBChB(Transkei)..... | Lecturer |
| Department of Psychiatry | |
| Roos, J.L., MBChB MMed(Psych) MD(Pretoria) FC(Psych)(SA)..... | Professor/Chief Specialist/ (Head) |
| Krüger, C., MBBCh(Witwatersrand) MMed(Psych)(Pretoria)..... | Associate Professor/ Principal Specialist |
| MD(Warwick) | |
| Van Staden, C.W., MBChB MMed(Psych)(Pretoria) FTCL(London)..... | Associate Professor/ Senior Specialist |
| UVLM(Unisa) MD(Warwick) FC(Psych)(SA) | |
| Joubert, P.M., MBChB(Stellenbosch) MMed(Psych)(Pretoria)..... | Adjunct Professor/ Principal Specialist |
| FC(Psych)(SA) | |
| Scholtz, J.G., BA(Hons) MA(ClinPsychol)(Pretoria)..... | Adjunct Professor/ Senior Psychologist |
| DLitt et Phil(RAU) | |
| Van der Westhuizen, D., MBChB MMed(Psych) MBA MD(Pretoria)..... | Adjunct Professor/ Principal Specialist |
| FC(Psych)(SA) | |
| 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 |
| 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/Specialist |
| Michael, K.S. BA BA(Hons)(Psychol)(RAU)..... | Lecturer/ Senior Psychologist |
| MA(ClinPsychol)(Pretoria) | |
| Theron, N., BA(Hons) MA(ClinPsychol)(Potchefstroom)..... | Lecturer/ Senior Psychologist |
| Du Preez, R.R., MBChB MMed(Psych)(Pretoria)..... | Lecturer/Senior Specialist |
| Khamker, N., MBChB MMed(Psych)(Pretoria) FC(Psych)(SA)..... | Lecturer/Specialist |
| Kotze, C., MBChB DMH(SA) FC(Psych)(SA)..... | Lecturer/Specialist |
| MMed(Psych)(Pretoria) | |
| Lippi, G., MBChB MMed(Psych)(Pretoria) FC(Psych)(SA)..... | Lecturer/Specialist |
| Mataboge, C.K., MBChB(Medunsa) MMed(Psych)(Pretoria)..... | Lecturer/Principal Specialist |
| Coetzee, J.C., BA(Theology) BA(Hons)(Psychol)..... | Lecturer/Psychologist |
| MA(ClinPsychol)(Pretoria) | |
| Macklin, D., BA BA(Hons)(Psychol) MA(ClinPsychol)(Pretoria)..... | Lecturer/Psychologist |
| Swanepoel, I., MSc(MedApplPsychol)(Pretoria)..... | Lecturer/Psychologist |

Department of Radiation Oncology

| | |
|---|--|
| Wilson, J.A.G., MBChB(Cape Town) FFRad(T)(SA)..... | Professor/Chief Specialist (Head) |
| Van Rensburg, A.J., MMedSc(Biophysics)(Free State) Dip Public Management PhD(Pretoria) | Extraordinary Professor |
| Hocepied, A.M.L., MD MMed(Rad-Onc) | Senior Lecturer/ Principal Specialist |
| Bassa, S., MBChB(Natal) FRC(RadOnc)(SA)..... | Senior Lecturer/ Senior Specialist |
| Chetty, D.N., MBChB(Cape Town) FTC(RadOnc)(SA)..... | Senior Lecturer/ Senior Specialist |
| Hinson, L.A., MBChB(Cape Town) FC(RadOnc)(SA) | Senior Lecturer/ Specialist |
| Westerink, H.H.P., MBChB MMed(Rad)(Pretoria) | Senior Lecturer/ Specialist |

Department of Radiology

| | |
|--|---|
| Lockhat, Z.I., MBChB(Natal) FFRad(D)(SA) | Associate Professor/ Chief Specialist (Head) |
| Höll, J.L., MBChB(Pretoria) FFRad(D)(SA)..... | Adjunct Professor/ Specialist |
| Ahmad, S., MBBS(Pakistan) FCRad(SA)..... | Senior Lecturer/ Principal Specialist |
| Khan, N., MBChB FCRad(SA) | Senior Lecturer/ Principal Specialist |
| Smal, J., MBChB MMed(Rad-D)(Pretoria) | Senior Lecturer/ Principal Specialist |
| Boroto, K., MD(DRC) FCRad(SA) | Senior Lecturer/ Senior Specialist |
| Khan, S., MBChB MMed(Rad-D)(Pretoria) FCRad(SA)..... | Senior Lecturer/ Senior Specialist |
| Van de Werke, I.E.A., MBChB DVG(Pretoria) DMRD FRCR(London) .. | Senior Lecturer/ Senior Specialist |
| Van der Walt, E., MBChB MMed(Rad-D)Pretoria) FCRad(SA)..... | Senior Lecturer/ Senior Specialist |
| Small, B., MBChB MMed(Rad-T)(Pretoria) DVG | Lecturer/Specialist |

Department of Surgery

| | |
|--|--|
| Becker, J.H.R., MBChB MMed(Surg)(Pretoria) FCS(SA) | Professor/Chief Specialist (Head) |
| FRCS(Glasgow) FRCS(Edinburgh) LKC(SA) | |
| Mokoena, T.R., MBChB(Natal) FRCS(Glasgow) DPhil(Oxford)..... | Professor/Chief Specialist |
| Franz, R.C., MBChB MMed(Surg)(Pretoria)..... | Emeritus Professor/ Specialist |
| Mieny, C.J., MBChB(Pretoria) ChM(Witwatersrand) MD(Pretoria) | Emeritus Professor/ Specialist |
| FCSA(SA) FRCS(Eng) | |
| Karusseit, V.O.L., MBChB MMed(Surg)(Pretoria) LKC(SA)..... | Associate Professor/ Specialist |
| Ntle, L.M., MBChB(Natal) FCS(SA) | Adjunct Professor/ Principal Specialist |
| Van der Walt, H., MBChB MMed(Surg)(Pretoria) FCS(SA) | Extraordinary Professor/ Specialist (Part-time) |

| | |
|---|--|
| Van Marle, J., MBChB MMed(Surg)(Pretoria) FCS(SA) | Extraordinary Professor/ Specialist (Part-time) |
| Du Plessis, H.J.C., MBChB MMed(Surg)(Pretoria) FCS(SA) FACS | Adjunct Professor/ Specialist |
| Pretorius, J.P., MBChB MMed(Surg)(Pretoria) | Adjunct Professor/ Specialist |
| Durand, M.C., MBBCh(Witwatersrand) | Senior Lecturer/Specialist |
| GKC(SA)(Coll of Med) MMed(Pretoria) | |
| Kolev, K.N., MBChB MMed FCS Dip in Med(Plovdiv)..... | Senior Lecturer/Specialist |
| Sanamela, K.B., MBChB FCS | Lecturer/Senior Specialist |
| Chamisa, I., MBChB(UZ) MRCS FRCS(Glasgow) FCS(SA) | Lecturer/Specialist |
| Botes, K., MBChB MMed(Surg)(Pretoria)) | Lecturer/Specialist |
| Cert in Vascular Surg(SA) | (Part-time) |
| Clifford, S.D., MBChB MMed(Surg)(Pretoria)..... | Lecturer/Specialist |
| | (Part-time) |
| De Beer, A., MBChB MMed(Surg)(Pretoria) FRCS)(Edinburgh)..... | Lecturer/Specialist |
| FCS(SA) | (Part-time) |
| Du Plessis, A.A., MBChB MMed(Surg)(Pretoria) FCS(SA)..... | Lecturer/Specialist |
| | (Part-time) |
| Jekel, H., MBChB MMed(Surg)(Stellenbosch) | Lecturer/Specialist |
| | (Part-time) |
| Laage, N., MBChB MMed(Surg)(Pretoria) FCS(SA) FRCS(Edinburgh).. | Lecturer/Specialist |
| | (Part-time) |
| Loubser, J.S., MBChB MMed(Surg)(Pretoria)..... | Lecturer/Specialist |
| | (Part-time) |
| Myburgh, J.A., MBChB MMed(Surg)(Pretoria) GKC(SA) FCS(SA) | Lecturer/Specialist |
| | (Part-time) |
| Penzhorn, H.O., MBChB MMed(Surg)(Pretoria) FCS(SA) LKC(SA)..... | Lecturer/Specialist |
| | (Part-time) |
| Van Niekerk, M.L., MBChB MMed(Surg)(Pretoria) | Lecturer/Specialist |
| | (Part-time) |
| Van Wyk, W., MBChB(Pretoria) GKC/FCS(SA) | Lecturer/Specialist |
| | (Part-time) |
| Weir, G., MBChB MMed(Pretoria) Cert in Vascular Surgery(SA) | Lecturer/Specialist |
| | (Part-time) |
| Welkovic, N., MBChB MMed(Surg)(Pretoria) FCS(SA)..... | Lecturer/Specialist |
| Cert in Crit Care(CMSA) | (Part-time) |
| Gordhan, G.I., MBChB MMed(Surg)(Pretoria) FCS(SA)..... | Lecturer/Specialist |
| | (Part-time) |
| Malinga, S.V.M., MBChB(Medunsa) MMed(Pretoria) | Lecturer/Specialist |
| | (Part-time) |
| Osman, E., MBBS(Khartoum Sudan) MMed(Surg)(Pretoria)..... | Lecturer/Specialist |
| | (Part-time) |
| Semenye, J.T., MBChB(Medunsa) MMed(Pretoria)..... | Lecturer/Specialist |
| | (Part-time) |
| Calzadilla-Cruz, M., MBChB..... | Lecturer/Principal Medical Officer |
| Taszimirwa, 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/Chief Specialist (Head) |
| Jacobs, A.G., BSc(Western Cape) BSc(Hons) MSc MBChB(Cape Town) FCS(SA) MMed(Thorax)(CSA) | Senior Lecturer/ Principal Specialist |
| Mogaladi, S.M., MBChB(Medunsa) MMed(ThoracSurg)(Pretoria)..... | Senior Lecturer/ Senior Specialist |

Paediatric Surgery Division

| | |
|---|---------------------------------------|
| Müller, E.W., Staatsexamen (CH) MMed(Surg) (Free State) | Senior Lecturer/ Specialist |
| Kirsten, M., MBChB (Free State) DCH(SA)..... | Lecturer/Principal Medical Officer |

Plastic Surgery Division

| | |
|---|--|
| Coetzee, P.F., MMed(Plast Surg)(Pretoria) | Associate Professor/ Principal Specialist |
| Neumann, A., MMed(Plast Surg)(Pretoria) | Lecturer/Specialist |

Department of Urology

| | |
|---|---|
| Moshokoa, E.M., MBChB MMed(Urol)(Medunsa) FCS(Urol)(SA) | Senior Lecturer/ Chief Specialist (Head) |
| Bornman, M.S., MBChB DSc PrSciNat MD(Pretoria) | Professor |
| Aneck-Hahan, N.H., DTech(Biomed Technol)(TUT) | Extraordinary Lecturer |
| Abul Feilat, R.A., MBChB(Milan) | Senior Lecturer/ Principal Specialist |
| Engelbrecht, M.J., MBChB(Pretoria) FCS(Urol)(SA)..... | Senior Lecturer/ Senior Specialist |
| Kok, E.L., BA(Unisa) BA(Hons) MBChB(Pretoria) DTI..... | Senior Lecturer/ Senior Specialist |
| Debeil, Y., MBChB(Pretoria) FCS(Urol)(SA) | Lecturer/Specialist |
| Notnagel, C.P., MBChB(Free State) | Lecturer/Medical Officer |
| Marais, C.F., MBChB(Free State) | Lecturer/Medical Officer |
| Parbrook, M.N.B., MBChb (Pretoria) | Lecturer/Medical Officer |

SCHOOL OF HEALTHCARE SCIENCES

Chairperson:

Prof. A.J. van Rooijen, BSc(PhysT) MSc(Phys4T) 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 (Acting Head) |
| Wenhold, F.A.M., BSc(Diet)(Hons) DipHospDiet MDiet PhD(Pretoria) | Senior Lecturer |
| Modise, T.R., BSc(Diet)(Hons)(Medunsa)..... | Lecturer |
| Napoles, A.L., BSc(Dietetics) DipHospDiet(Natal) MPH(UCLA) | Lecturer |
| Viviers, C.M., DipHospDiet BSc(Diet)(Hons) MDiet(Pretoria) | Lecturer |

Department of Nursing Science

| | |
|--|-------------------------------|
| Van Wyk, N.C., MSocSci(CommHealth) PhD(Free State)..... | Associate Professor (Head) |
| 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)(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

| | |
|---|-------------------------------|
| Graham, M.S., Nat Dip(OccTher) BOccTher(Hons)..... MOccTher PhD(Pretoria) | Associate Professor (Head) |
| McAdam, J.C., BSc OccTher(Witwatersrand) MOccTher(Pretoria) | Senior Lecturer |
| Aronstam, M.C., Nat Dip(OccTher) DipEd OccTher(Pretoria)..... BA(Unisa) MOccTher(Pretoria) | Lecturer |
| Buys, T.L., BOccTher(Free State) BOccTher(Hons)(Pretoria)..... | Lecturer |
| Du Plessis, A.M., Nat Dip(OccTher) DipEd OccTher(Pretoria) | Lecturer |
| BA(Unisa) MOccTher(Pretoria) | |
| Engelbrecht, L.H., Nat Dip(OccTher) BOccTher(Hons) | Lecturer |
| MOccTher DTI(Pretoria) | |
| Kruger, A.E., Nat Dip(OccTher) BOccTher(Hons)..... | Lecturer |
| MOccTher DTI (Pretoria) | |
| Raganya, Y.R., BOccTher(Medunsa) MOccTher(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) | Senior Lecturer |
| PhD(Pretoria) DTI | |
| 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 |
| Van der Spuy, A.A., Dip(PhysT)(Free State)..... | Lecturer |

Department of Radiography

| | |
|---|---------------------------|
| Hugo, G.A., DipRad BRad(Hons)(Diag) DTI(Pretoria) | Senior Lecturer (Head) |
| Mathurine, G.T., DipRad(Diagn) DipRad(Ther)..... Adv Dip Ed:Rad(Cape Town) Higher DipRad(Diag) DTI | Senior Lecturer |

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|---|----------|
| Ahrens, E., BRad BRad(Hons)(Pretoria)..... | Lecturer |
| Kekana, R.M., BRad(Diag)(Medunsa) BAdmin(Unisa) | Lecturer |
| DipTherEd BRad(Hons)(Pretoria) MTech (Ed) (Johannesburg) | |
| Seane, E.N., BRad(Diag)(Medunsa) BRad(Ther)(Hons)(Pretoria) | Lecturer |
| Sethole, K.M., BRad(Diag)(Medunsa) NasDipNuclMed(Natal Techn)... | Lecturer |

SCHOOL OF HEALTH SYSTEMS AND PUBLIC HEALTH

Chairperson:

Prof. K.V.V. Voyi, BSc(Fort Hare) BSc(Hons) MSc PhD(Cape Town)

| | |
|--|--------------------------------------|
| Voyi, K.V.V., BSc(Fort Hare) BSc(Hons) MSc PhD(Cape Town) | Associate Professor (Chairperson) |
| Buch, E., MBCh MSc(Med) DTM&H DOH(Witwatersrand) | Professor |
| FFCH(SA)(Coll of Med) | |
| Rheeder, P., MBChB MMed(Int)(Pretoria) | Professor: |
| MSc(Clin Epi)(Rotterdam) PhD(Utrecht) | Clinical Epidemiology |
| De Jager, C., BSc(Hons) MSc(Free State) PhD(Pretoria) | Associate Coordinator/ |
| Post Doct (Laval) | Research Coordinator |
| Bamford, L.J., BSocSci(Hons) MBChB(Cape Town)..... | Extraordinary Professor |
| DrPH(London School of Hygiene and Tropical Medicine) | |
| Bornman, M.S., MBChB DSc(Pretoria) MD(Free State) PrSciNat..... | Extraordinary Professor |
| Girdler-Brown, B.V., BSc(Agric)(Natal) MBChB(Rhodesia) | Extraordinary Professor |
| MBA MMed(Cape Town) | |
| 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) | Extraordinary Professor |
| Post Doct(Harvard) | |
| Van Ginneken, J., PhD(Netherlands Interdisciplinary..... | Extraordinary Professor |
| Demographic Institute) | |
| Westaway, M.S., PhD(Witwatersrand)..... | Extraordinary Professor |
| Whittaker, S., BSc UED MBChB FFCH(CM) SA MMed MD..... | Extraordinary Professor |
| Bergh, A.P., BA(RAU) BA(Hons)(Stellenbosch)..... | Extraordinary Lecturer |
| BEd PhD(Pretoria) | |
| Claassen, N., BSc MSc(Potchefstroom) PhD(Pretoria)..... | Extraordinary Lecturer |
| Goldstein, S.J., MBCh Dipl Health Service Management..... | Extraordinary Lecturer |
| MMed(Community Health)(Witwatersrand) | |
| Harris, B.N., MBChB MMed(CommHealth)(Pretoria) | Extraordinary Lecturer |
| Kenoshi, M.E., MBChB(Natal) DTM&H(Witwatersrand)..... | Extraordinary Lecturer |
| Robinson, F., MBCh(Witwatersrand) MMed(Natal)..... | Extraordinary Lecturer |
| Tshibangu, D.C., MBChB MEpid MPH(Brussels) DTM..... | Extraordinary Lecturer |
| (Royal Inst of Tropical Medicine, Antwerp) DHM(Cape Town) | |
| Beke, A., MBChB(Ghana) MMed(CommHealth)(Medunsa) | Senior Lecturer |
| DTM&H DPH DHSM DOH(Witwatersrand) | |
| Mwaka, M.N.A., BEd MSc(Nairobi) | Senior Lecturer |
| Njongwe, P.Z., MBChB(Natal) DOH DTM&H | Senior Lecturer |
| DPH(Witwatersrand) FFCH (CCM)(Coll of Med) | |
| Rendall-Mkosi, K., BSc(OT) MPH(Western Cape) | Senior 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) |
| Louwagie, G.M.C., MD(Louvain) DTropMed(Antwerp) | Senior Lecturer/Specialist |
| DHM(Free State) FPHM(SA) MMed(CommHealth)(Free State) | |
| Hyera, F.L.M., Dip Clinical Med(Mwanza) MD(Dar-Es-Salaam) | Senior Lecturer/Specialist |
| MSc(Comm Health) MMed(Comm Health)(Pretoria) | |
| Dip Obs&Gyn(Vienna) DTM&H DOMH(Pretoria) | |
| Seymore, L., MBChB MMed(CommHealth) DOH(Pretoria) | Senior Lecturer/Specialist |

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

Department of Dental Management Sciences

| | |
|---|---|
| White, J.G., BChD(Hons) MBA(Stellenbosch) DTI PhD(Pretoria) | Associate Professor/ Principal Stomatologist (Head) |
| Buch, B., BSc(Agric)(Natal) HED(Cape Town) | Emeritus Professor |
| BDS MSc(Dent)(Witwatersrand) | |
| Postma, T.C., MChD DHSM(Pretoria) | Senior Lecturer/ Senior Specialist |
| Ayo-Yusuf, O. A., BDS(Benin) DHSM MSc(Odont) MPH (Pretoria) | Senior Lecturer/ Senior Stomatologist |
| PhD(Maastricht) | |
| Fensham, R., Dip Rad(Diagn) Dip Rad(Ther) DipHOOP(Pretoria) | Lecturer/ Chief Radiographer |
| Grove, J.T.K., BChD(Pretoria) | Lecturer/ Principal Dentist |
| Heymans, J.H., BChD(Pretoria) | Lecturer/ Principal Dentist |
| Maritz, M.P., Dip Rad(Diagn)(Pretoria) | Lecturer/ Chief Radiographer |
| Mostert, V.C., BChD(Western Cape) | Lecturer/ Principal Dentist |

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|--|---|
| Snyman, L., BChD Dip(Odont)(Pretoria) PDD(Stellenbosch) | Lecturer/ Principal Dentist |
| Van der Linde, A., Dip Rad(Diagn)(Free State) HED(Unisa) | Lecturer/ Chief Radiographer |
| NGSHO(Pretoria) | |
| Wood, J.E., Dip Rad(Diagn)(Pretoria) | Lecturer/ Chief Radiographer |
| Department of Maxillo-Facial and Oral Surgery | |
| Bütow, K-W., BSc(RAU) MChD(MaxFacOralSurg)(Stellenbosch) | Professor/ Chief Specialist (Head) |
| DrMedDent (Erlangen-Nürnberg) PhD DSc(Odont)(Pretoria) | |
| FC MFOS(SA) | |
| Jacobs, F.J., BChD(Hons) MChD(MaxFacOralSurg)(Pretoria)..... | Associate Professor/ Chief Specialist |
| FC MFOS(SA) | |
| Dintcheva, P.M., MStomat DipDentSurg(Sofia, Bulgaria) | Lecturer/ Principal Dentist |
| Dip(Odont)(Pretoria) | |
| Kotzé, M.J., BChD(Hons) Dip(Odont)(Pretoria) | Lecturer/ Principal Dentist |
| | |
| Roode, G.J., BChD DipOdont(Oral Surg) DipOdont(Radiol)(Pretoria) | Lecturer/ Principal Dentist |
| | |
| Syebele, K., DipMed DipDent DipMFSurg(Kinshasa, Congo) | Lecturer/ Principal Dentist |
| DipOdont(Pretoria) | |
| Department of Odontology | |
| De Wet, F.A., BChD MDent, DTI DSc(Odont)(Pretoria) | Professor/ Chief Stomatologist (Head) |
| | |
| Dannheimer, M.F.G., BChD MDent DTI(Pretoria) | Associate Professor/ Principal Stomatologist |
| | |
| Becker, L.H., MChD(Pretoria) HDipDent(Witwatersrand) | Extraordinary Professor |
| Van der Vyver, P.J., BChD Dip(Odont)(Aesthetic Dentistry) | Extraordinary Professor |
| Dip(Odont)(Endodontics) MSc(Odont)(Pretoria) | |
| Uys, A., BSc BChD Dip(Odont)(Pretoria) | Lecturer/Principal Dentist |
| Brandt, P.D., BChD PDD(Stellenbosch) | Lecturer/Principal Dentist |
| Makobe, D.C., BDS(Medunsa) | Lecturer/Principal Dentist |
| Nkambule, R.N. BDT BDS(Medunsa) | Lecturer/Principal Dentist |
| Rajbaran, S., BChD(Western Cape) PDD(Stellenbosch)..... | Lecturer/Principal Dentist |
| Dip(Odont) MSc(Odont)(Pretoria) | |
| Rossouw, N., BChD(Stellenbosch) | Lecturer/Principal Dentist |
| Warren, N., BChD(Pretoria) | Lecturer/Principal Dentist |
| Department of Oral Pathology and Oral Biology | |
| Van Heerden, W.F.P., MChD(Pretoria) PhD(Medunsa) | Professor/ Chief Specialist (Head) |
| FC Path(SA)OralPath DSc(Odont)(Pretoria) MASSAF | |
| Boy, S.C., MChD(Pretoria)..... | Associate Professor/ Senior Specialist |
| | |
| Swart, T.J.P., MChD MSc(Odont)(Pretoria) | Associate Professor/ Principal Specialist |
| | |
| 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) | Extraordinary Professor |
| PhD(Witwatersrand) FCPATH(SA) Virol DSc(Pretoria) MASSAF | |

Department of Orthodontics

| | |
|---|---|
| Hlongwa, P., BOH BDS MDent(Medunsa)..... | Associate Professor/ Chief Specialist (Head) |
| Du Toit, A., MChD Dip(Odont)(Pretoria)..... | Senior Lecturer/ Senior Specialist |
| Grobler, M., MChD(Pretoria) DDO RFPS(Glasgow) | Extraordinary Professor |
| Botha, P., MChD(Pretoria)..... | Extraordinary Professor |
| Suliman, M.F., BChD(Western Cape) Dip(Odont)(Pretoria)..... | Lecturer/Principal Dentist |

Department of Periodontics and Oral Medicine

| | |
|---|---|
| Van Zyl, A.W., MChD(OMP)(Stellenbosch) | Associate Professor/ Chief Specialist (Head) |
| Lohse, P.J., BDS HDipDent (Witwatersrand)..... | Extraordinary Professor |
| Mohangi, G.U., BDS(Mysore) Dip(Odont)(Periodontics) Dip(Odont)..... (Oral Medicine) MSc(Odont) MChD(OMP)(Pretoria) | Senior Lecturer/ Senior Specialist |
| Shangase, S.L., BDS MDent(Medunsa)..... | Senior Lecturer/ Senior Specialist |
| Buitendach, M.P., AdvDipOHyg DTI(Pretoria)..... | Lecturer/ Chief Oral Hygienist |

Department of Prosthodontics

| | |
|--|---|
| Dullabh, H.D., BChD(Western Cape) MSc(Dentistry) | Associate Professor/ Chief Specialist (Head) |
| MDent(Prosth)(Witwatersrand) | Extraordinary Professor |
| Becker, L.H., MChD(Pretoria) HDip(Dent)(Witwatersrand) | Senior Lecturer/ Senior Specialist |
| Ismail-Vally, Z., BDS MDent(Witwatersrand) | Senior Lecturer/ Senior Specialist |
| Van den Heever, J.H., MChD(Pretoria)..... | Senior Lecturer/ Senior Specialist |
| Lowe, L.G., BDS MSc(Dent)(Witwatersrand)..... | Lecturer/Principal Dentist |
| Van der Merwe, L., BChD(Pretoria)..... | Lecturer/Principal Dentist |

School Administration

| | |
|---|---------------------------------|
| Snyman, W.D., MChD(Prost) MChD(CommDent)..... PhD DTVG DTI(Pretoria) | Programme Manager: Education |
|---|---------------------------------|

SKILLS LABORATORY

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

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 |

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| GENERAL INFORMATION |
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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 as well as those applying for admission to the University Diploma in Oral Hygiene. In the case of the latter, the Admission Point Score (APS) is calculated on the grounds of the results of the Grade 12 final examination.

3. **Placement Test**

With the exception of admission to the University Diploma in Oral Hygiene, 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 according to 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 the Health Sciences Consortium (HSC) Placement Test. 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 Sciences 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.
- **University Diploma in Oral Hygiene:**
In terms of the selection procedure, a candidate is required to obtain a pass mark in Mathematics or Mathematical Literacy, two languages of which one has to be English, with a 4 (50-59%) and Life Sciences, also with a 4 (50-59%). An APS of at least 22 is required. At the conclusion of the selection process, candidates are informed in writing regarding the outcome.
 - **BPhysT:** Regulation M.25(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 M.12(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 M.13(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 M.17(a) in this publication. A minimum APS applies to the various categories.
 - **BOccTher:** Regulation M.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 requirement applies to the various categories.
 - **BDietetics:** Regulation M.28(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. **Medium of instruction**

In terms of its language policy, the University has a responsibility towards the promotion of both Afrikaans and English as academic languages, and therefore wants to ensure that its professional study programmes guarantee at least some minimum levels of the use of both English and Afrikaans. As a result, broad guidelines in this regard have been instituted for the various academic units. In respect of the Faculty of Health Sciences, the following apply:

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/promoter, 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 and academic orientation week**

Details of Welcoming Day, to which all parents are cordially invited, and the subsequent academic orientation week, which all new first-year students must attend, are obtainable from the Dean of Students, University of Pretoria 0002.

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.

N.B.: 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 2010.

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 **Admission to diploma studies:** For admission requirements, see *Diplomas* in this publication.
- 1.1.5 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

- 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;
- 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);
- 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.
- 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.

Determination of an Admission Point Score (APS)

The calculation is simple and based on a candidate's achievement in six 20-credit recognised subjects (Annexure B) 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% |

Preliminary admission is based on the results obtained in the final Grade 11 examination. Final admission is based on Grade 12 results. Please note: The final Grade 12 results will be the determining factor with regard to admission.

Alternative admission channels

Candidates with an APS lower than required, could be considered for admission to the faculty if they meet the additional assessment criteria specified by the Faculty from time to time. Preference will, however, be given to students who comply with the regular admission requirements of the faculty.

Specific admission requirements for the Faculty of Health Sciences

1. A valid National Senior Certificate with admission for degree purposes.
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 Health Sciences Consortium (HSC) Placement Test and the Value-added Questionnaire.
 - Selection for BClinical Medical Practice is based on academic merit and the Health Sciences Consortium (HSC) Placement Test. 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 and the HSC Placement Test.
3. Minimum subject and level requirements:

| Degree | Group A | | | Group B |
|----------------------------|--|-------------|--|---|
| | Two Languages | Mathematics | Life Orientation | 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%) (Excluded when calculating the APS) | 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%) | 5 (60-69%) (Excluded when calculating the APS) | 4 (50-59%) in three other subjects |
| BPhysT | 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) | 4 (50-59%) | 5 (60-69%) (Excluded when calculating the APS) | 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%) | 5 (60-69%) (Excluded when calculating the APS) | 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%) | 5 (60-69%) (Excluded when calculating the APS) | 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%) (Excluded when calculating the APS) | 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%) (Excluded when calculating the APS) | 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%) (Excluded when calculating the APS) | 5 (60-69%) in Physical Science |
| University Diploma in Oral Hygiene | 4 (50-59%) in English (at Home Language level or First Additional Language level) | Mathematics or Mathematical Literacy | 4 (50-59%) (Excluded when calculating the APS) | 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. Each of the modules CIL 111, 121 comprises 2 lectures per week for fourteen weeks.

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:**

- (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

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**

- (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 time-slot 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**

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)

- (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 Medicine, Healthcare Sciences, Health Systems and Public Health and Dentistry (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 Nursing Science – [BCur] (4 years)
- (iv) Bachelor of Nursing Science (Education and Administration) – [BCur(I et A)] (3 years)
- (v) Bachelor of Radiography – [BRad] (3 years) (Fields of specialisation: Consult Reg. M.17)
- (vi) Bachelor of Occupational Therapy – [BOccTher] (4 years)
- (vii) Bachelor of Physiotherapy – [BPhysT] (4 years)
- (viii) Bachelor of Dietetics – [BDietetics] (4 years)
- (ix) Bachelor of Dentistry – [BChD] (5 years)

(b) **Honours degrees:**

- (i) Bachelor of Radiography Honours – [BRadHons] (1 year) [Fields of specialisation: Consult Reg. M.18(b)]
- (ii) Bachelor of Nursing Science Honours – [BCurHons] (1 year) [Suspended until further notice]
- (iii) Bachelor of Occupational Therapy Honours – [BOccTherHons] (2 years) [Suspended until further notice]
- (iv) Bachelor of Science Honours – [BScHons] (1 year full-time; 2 years part-time) [Fields of specialisation: Consult Reg. M.8]
- (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 in Philosophy and Ethics of Mental Health] (1 year full-time or 2 years part-time – with choice of e-learning)
 - (dd) Master of Public Health – [MPH] (2 years)
 - (ee) Master of Early Childhood Intervention – [M ECI] (2 years part-time)
- (iii) Master of Science – [MSc] (1 year) [Fields of specialisation: consult Reg.M.9]
- (iv) Master of Nursing Science – [MCur] (1 year) [Fields of specialisation: consult Reg. M.15]
- (v) Master of Radiography – [MRad] (1 year) [Fields of specialisation: consult Reg. M.19]
- (vi) Master of Occupational Therapy – MOccTher (2 years) [Fields of specialisation: consult Reg. M.22]
- (vii) Master of Physiotherapy – [MPhysT] (2 years) [Fields of specialisation: consult Reg. M.26]
- (viii) Master of Dietetics – [MDietetics] (1 year)
- (ix) Master of Science Odontology – [MScOdont] (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: consult Reg. M.11]
- (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 Tropical Medicine and Health – [DTM&H] (1 year)
- (ii) Postgraduate Diploma in Public Health – [DPH] (2 years)
- (iii) Postgraduate Diploma in Health Systems Management – [DHSM] (2 years)
- (iv) Postgraduate Diploma in Occupational Medicine and Health – [DOMH] (2 years)

- (v) Postgraduate Diploma in Occupational Health – [DipOH] (2 years)
- (vi) Postgraduate Diploma in Clinical Evidence and Healthcare – [DipCEHM] (2 years)
- (vii) Postgraduate Diploma in Public Health Medicine – [DipPHM] (2 years)
- (viii) Postgraduate Diploma in Family Medicine – (1 year)
- (ix) Postgraduate Diploma in General Ultrasound – [PGDipGUS] (2 years)
- (x) Postgraduate Diploma in Vocational Rehabilitation – [DVR] (1 year)
- (xi) Postgraduate Diploma in Interpersonal Communication and Group Techniques in Occupational Therapy – [DCG] (1 year) [Suspended until further notice]
- (xii) Postgraduate Diploma in Group Activities – [DGA] (1 year)
- (xiii) Postgraduate Diploma in the Handling of Childhood Disability – [DHCD] (1 year)
- (xiv) Postgraduate Diploma in Hand Therapy – DHT (1 year)
- (xv) Postgraduate Diploma in Dietetics – (1 year) – [Suspended until further notice]
- (xvi) University Diploma in Oral Hygiene – [UnivDipOH] (2 years)
- (xvii) Postgraduate Diploma in Dentistry – [PGDipDent] (2 semesters part-time)
- (xviii) Advanced University Diploma in Oral Hygiene – [AdvUnivDipOH] (2 semesters part-time)

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.

SCHOOL OF MEDICINE

DEGREES IN MEDICINE

M.1 Bachelor of Medicine and Surgery [MBChB] (Code 10130001)

Also consult General Regulations.

Note:

1. A National Senior Certificate with admission for degree purposes is required, with Mathematics, Physical Sciences, 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: | <u>59</u> |
| 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) **Progress test status**

Students must have attained a status of “satisfactory” in the progress test before they may be allowed to graduate. This is achieved by assessment of cumulative performance on each semester’s progress test written by all students from semester 2 of the first year of study to semester 1 of the fifth year of study.

If after the first semester of the fifth year of study, the status is “satisfactory”, the student does not write any further progress tests. However, if the student has any other status, he or she continues to write the progress test each semester until “satisfactory” status is achieved.

(f) **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.

(g) **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 | - |
| SSM | Elective module 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.

(h) **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.

(i) **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 |
|--|---|-------------|------------|
| LCP | Fundamental module Longitudinal clinic attachment programme 280 | LCP 280 | - |
| Block 4 | Core modules Pathological conditions and infectious diseases 281 | BOK 281 | 45 |
| SA 5 | Introduction to clinical medicine 283 | GNK 283 | 10 |
| SA 9 | Basic emergency care 286 | GNK 286 | 5 |
| SSM | Elective module Special study module 281 (Linked with BOK 281) | 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.

(j) **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.

(k) **Third year of study**

(i) **Curriculum**

| First semester | | Module code | Credits |
|----------------|--|-------------|---------|
| | Fundamental modules | | |
| GPS | Generic prosedural skills 380 | GPS 380 | 5 |
| LCP | Longitudinal clinic attachment programme 380 | LCP 380 | - |

| | | | |
|------------------------------------|--|---------|------------|
| Block 6 | Core modules Heart and blood vessels 381 | GNK 381 | 25 |
| Block 7 | | GNK 383 | 20 |
| Block 8 | | BOK 380 | 50 |
| SA 12 | | GNK 386 | 5 |
| | Elective modules | | |
| SSM | Special study module 311 | SMO 311 | 5 |
| SSM | Special study module 380 (Linked with BOK 380) | SMO 380 | 5 |
| LCP | Longitudinal clinic attachment programme 380 | LCP 380 | - |
| 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.

(l) **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.

(m) **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 Paediatrics morning rotation | GNK 481 | 31 |

| | | | |
|-----------------------------------|---|---------|------------|
| Block 11 | Genito-urinary tract conditions 480 Gynaecology morning rotation Internal medicine morning rotation Urology morning rotation | BOK 480 | 62 |
| Block 12 | Head and neck 485 Otorhinolaryngology morning rotation Ophthalmology morning rotation | GNK 485 | 33 |
| Block 13 | Nervous system 482 Neurology morning rotation | BOK 482 | 28 |
| Block 14 | Musculoskeletal conditions 483 Orthopaedics morning rotation | GNK 483 | 28 |
| SA 7 | Endocrinology 484 | GNK 484 | 6 |
| SA 8 | Ageing 486 | GNK 486 | 8 |
| SA 11 | Skin 487* | GNK 487 | 5 |
| Elective modules | | | |
| SA 6 | 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.

(n) **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.

(o) **Fifth year of study**

(i) **Curriculum**

| First semester | | Module code | Credits |
|----------------|---|-------------|---------|
| LCP | Fundamental module Longitudinal clinic attachment programme 580 | LCP 580 | - |
| Block 15 | Core modules Psychiatry and social dysfunction 581 Psychiatry morning rotation | GNK 581 | 34 |
| Block 16 | Health and healthcare 582 Family medicine morning rotation Forensic medicine morning rotation | GNK 582 | 31 |
| Block 17 | Traumatology 583 Surgery morning rotation | GNK 583 | 25 |

| | | | |
|---|---|--------------------|------------|
| Block 18 | Pharmacotherapy 585* Anaesthesiology 586 Anaesthesiology morning rotation | GNK 585 GNK 586 | 7 13 |
| | Elective modules | | |
| SSM | 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. (p) 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.

(p) 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) | GNK 680 | 52 |
| | - General surgery | | |
| | - Vascular surgery | | |
| | - Plastic surgery | | |
| | - Paediatric surgery | | |
| | - Cardiothoracic surgery | | |
| | (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) | GNK 682 | 20 |
| | - Family medicine (3½ weeks) | GNK 691 | 20 |
| | (iv) Orthopaedics (3 weeks) | GNK 681 | 17 |
| 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 |
| | (xi) Paediatrics (7 weeks) | GNK 687 | 40 |
| | (xii) Community obstetrics (3½ weeks) | GNK 692 | 20 |

| | | | |
|------------------------------------|--|---------|------------|
| | (xiii) Community-based education (3½ weeks) | GNK 688 | 20 |
| Total credits per semester: | | | 120 |

| SA 13 | Special activity: Diagnostic laboratory medicine | Module code | Credits |
|--|--|--------------------|----------------|
| | Core module Diagnostic laboratory medicine (2 weeks) - Image-forming medicine - Evidence-based medicine - Bioethics (2 days)* | GNK 689 | 11 |
| 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
- (q) **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.
- (r) **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:

1. A selection of candidates takes place (see General Information).
 2. 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.
 3. 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.

(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 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.

(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 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.

(f) **Curriculum**

(i) **First year of study**

(aa) **First semester**

| Modules | Module code | Credits per module |
|-------------------------|-------------|--------------------|
| Computer literacy 111* | CIL 111 | 4 |
| Academic literacy 110** | EOT 110 | 6 |
| Medical terminology 180 | MTL 180 | 4 |

| | | |
|--|---------|-----------|
| Clinical medical practice 181: Orientation Cardiovascular system Respiratory system Gastrointestinal system Reticulo-endothelial system | CMP 181 | 46 |
| Anatomy 181 | ANA 181 | 4 |
| Physiology 181 | FSG 181 | 2 |
| Clinical rotations*** | | |
| Total credits per semester (CIL and EOT modules excluded): | | 56 |

*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.

(bb) **Second semester**

| Modules | Module code | Credits per module |
|--|--------------------|---------------------------|
| Information literacy 121* | CIL 121 | 4 |
| Academic literacy 120 ** | EOT 120 | 6 |
| Clinical medical practice 182: Head and neck Eyes, ears, nose and throat Musculoskeletal system Neurological system Genito-urinary system Skin, endocrine system | CMP 182 | 56 |
| Pharmacology 180 | FAR 180 | 2 |
| Anatomy 182 | ANA 182 | 4 |
| Physiology 182 | FSG 182 | 2 |
| Clinical rotations*** | | |
| Total credits per semester (CIL & EOT modules excluded): | | 64 |
| Total credits first year of study (CIL & EOT modules excluded) | | 120 |

*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.

(ii) **Second year of study**(aa) **First semester**

| Modules | Module code | Prerequisite | Credits per module |
|---|--------------------|---------------------|---------------------------|
| Clinical medical practice 281: Cardiovascular system Respiratory system Gastrointestinal system Reticulo-endothelial system | CMP 281 | CMP 181 | 48 |
| Special procedural skills 288 | CMP 288 | - | 10 |
| Anatomy 281 | ANA 281 | ANA 181 | 4 |
| Physiology 281 | FSG 281 | FSG 182 | 2 |
| Clinical rotations* | | | |
| Total credits per semester: | | | 64 |

*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).

(ii) **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.

(bb) **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 | CMP 282 | CMP 281 | 56 |

| | | | |
|--|---------|---------|------------|
| Pharmacology 280 | FAR 280 | FAR 180 | 2 |
| Anatomy 282 | ANA 282 | ANA 182 | 4 |
| Physiology 282 | FSG 282 | FSG 182 | 2 |
| Clinical rotations* | | | |
| Total credits per semester: | | | 64 |
| Total credits second year of study: | | | 128 |

*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 |
| Anatomy 381 | ANA 381 | ANA 282 | 2 |
| Physiology 381 | FSG 381 | FSG 282 | 2 |
| Clinical rotations* | | | |
| Total credits per semester: | | | 78 |

*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 |
| Anatomy 382 | ANA 382 | ANA 381 | 2 |
| Physiology 382 | FSG 382 | FSG 381 | 2 |
| Clinical rotations* | | | |
| Total credits per semester: | | | 82 |
| Total credits third year of study: | | | 160 |

*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) Public Health Medicine – [MMed(Public Health Med)]
- (vi) Emergency Medicine – [MMed(Emergency Med)] – see **Note** below
- (vii) Family Medicine – [MMed(Family Medicine)]
- (viii) Geriatrics – [MMed(Geriat)]
- (ix) Internal Medicine – [MMed(Int)]
- (x) Medical Oncology – [MMed(MedOnc)] – see **Note** below
- (xi) Nuclear Medicine – [MMed(NuclMed)]
- (xii) Paediatrics – [MMed(Paed)]
- (xiii) Neurosurgery – [MMed(NeurSur)]
- (xiv) Neurology – [MMed(Neur)]
- (xv) Obstetrics and Gynaecology – [MMed(O et G)]
- (xvi) Ophthalmology – [MMed(Ophth)]
- (xvii) Otorhinolaryngology – [MMed(ORL)]
- (xviii) Orthopaedics – [MMed(Orth)]
- (xix) Pathology – [MMed(Path)]
- (xx) Plastic Surgery – [MMed(PlastSur)]
- (xxi) Psychiatry – [MMed(Psych)]
- (xxii) Radiological Diagnostics – [MMed(Rad-D)]
- (xxiii) Radiation Oncology – [MMed(Rad-Onc)]
- (xxiv) Thoracic Surgery – [MMed(ThoracSur)]
- (xxv) 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.
- (v) 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) **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) **Public Health Medicine (Code 10250371)**

**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. M.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. M.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. |
| <p>In addition to these, the following modules are compulsory:</p> <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. M.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) Communicating 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 |
| <p>In addition to these, the following modules are compulsory:</p> <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. | | | |

Duration of training: Four years.

(vi) **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.

(vii) **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.

(viii) **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.

(ix) **Internal Medicine (Code 10250051)**

Major subject: IGK 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.

(x) **Medical Oncology (Code 10240163)**

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.

(xi) **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.

(xii) **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.
- (xiii) **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.
- (xiv) **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.
- (xv) **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.
- (xvi) **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.
- (xvii) **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.
- (xviii) **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.

(xix) **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 or capita selecta from Chemical pathology (CHP 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.
- (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: GGK 800 Forensic medicine 800
Prerequisites: FSG 801 Physiology 801, FAR 803 Pharmacology 803, ANP 874 Anatomical pathology 874.
Duration of training: Four years.
- (xx) **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.
- (xxi) **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.
- (xxii) **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 in Radiation Oncology, the duration of the programme will be three years.
- (xxiii) **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.
- (xxiv) **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.
- (xxv) **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.

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|---|
| M.4 Master of Medicine in Family Medicine [MMed (Family Medicine)] |
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Consult Reg.M.3 in this publication.

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|--|
| 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; IGK 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.

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| M.6 Master of Medical Pharmacology [MPharmMed] (10256001) |
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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 in Philosophy and Ethics of Mental Health]
(Code 10250500)

(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.7 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.

**M.7A Master of Early Childhood Intervention [M ECI]
(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 |
|---|--------------------|
| ECl: Evaluation and intervention 873 | ECl 873 (20) |
| ECl: Collaborative problem-solving 872 | ECl 872 (20) |
| ECl: Measurement in ECl (e.g. ECl 874) | ECl 874 (20) |
| Applied discipline-directed elective module: | |
| ECl in child health 860 | ECl 860 (30) |
| ECl in communication pathology 861 | ECl 861 (30) |
| ECl in educational psychology 862 | ECl 862 (30) |
| ECl in nursing science 863 | ECl 863 (30) |
| ECl in nutrition care 864 | VSG 864 (30) |
| ECl in occupational therapy 865 | ECl 865 (30) |
| ECl in physiotherapy 866 | ECl 866 (30) |
| ECl in severe disability 867 | ECl 867 (30) |
| ECl in social work 868 | ECl 868 (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

- (i) A minimum of 50% is required to pass in a module, and all modules must be passed before the degree will be conferred.
- (ii) 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.

| |
|--|
| M.8 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)(iii) 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)] |
| Biostatistics | 10244010 | BSK 700 [see c (vii)] |
| 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. In the case of the specialisation Biostatistics this requirement is waived.

- Attendance at the compulsory faculty module (TNM 800) Applied research methodology 800.
 - Attendance at the prescribed module (MBS 800) Medical biostatistics 800. In the case of the specialisation Biostatistics this requirement is waived.
 - 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.
- (vii) **The following additional requirements are set for the specialisation Biostatistics:**
Admission requirements for the honours degree programme in 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.
- (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.
 - (v) **For the field of specialisation Biostatistics**, one written examination of three hours must be passed with at least 60%.
- (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.9 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.

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.

(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 Academic Advisory Committee/MSc Committee/Postgraduate Committee 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 |
| Applied Human Nutrition | 10253341 | See par. (j) | See par. (j) |
| Biostatistics | 10253110 | See par. (h) | See par. (h) |
| Cell Biology | 10253102 | SBI 800 | SBI 890 |
| Chemical Pathology | 10253042 | CHP 809 | CHP 890 |
| Clinical Epidemiology | 10253331 | See par. (h.) | See par. (h) |
| Community Health | 10253291 | See par. (h) | See par. (h) |
| Epidemiology | 10253321 | See par. (h) | See par. (h) |
| 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. (k) | See par. (k) |
| 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 |
| Quantitative Health Science | 10253112 | KGN 802 | KGN 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. (i) | See par. (i) |
| Sport 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 Epidemiology, in Clinical Epidemiology, in Community Health and in Biostatistics:

(i) **Admission requirements**

For the specialisation Biostatistics, an applicable honours degree is required, with Statistics at honours level.

(ii) **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 | <u>10</u> |
| | Subtotal elective modules required: | 15 |
| | Minimum total coursework required: | 80 |
| EPI 890 | Dissertation 890 | 100 |

| MSc in Clinical Epidemiology | | |
|-------------------------------------|--|----------------|
| 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 | <u>5</u> |
| | 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 | <u>10</u> |
| | Subtotal: | 60 |
| | Elective modules: | |
| BOS 873 | 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 reasearch methods 870 | <u>10</u> |
| | Subtotal electives required: | 10 |
| | Minmum 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 | <u>5</u> |
| | 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 | <u>10</u> |
| | 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 | <u>15</u> |
| | | 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 | <u>15</u> |
| | Subtotal electives required: | 40 |
| | Minimum coursework required: | 80 |
| GGS 890 | Dissertation 890 | 100 |

MSc in Biostatistics

Information on the content of this area of specialisation is available on request from the School of Health Systems and Public Health.

(iii) Pass requirements

- (aa) The minimum pass mark for a module is 50%.
- (bb) The prescribed modules must be passed independently of each other.
- (cc) Second examinations in the modules are arranged by the head of department, within a period of time specified by him or her.
- (dd) 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.
- (ee) 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).

(iv) 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. This alternative is in special cases applicable to other MSc degrees.

- (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.
- (i) 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 800 | Sports dietetics 800 |
| FSG 880 | Sports physiology 880 |
| SAN 880 | Sports anatomy 880 |
| TNM 801 | Applied research methodology 801 |
- (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.
- (j) The following additional requirements are set for the **MSc in Applied Human Nutrition:**
- (i) **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.
- (ii) **Curriculum**
TNM 800 Applied research methodology 800
DEK 884 Human nutrition 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
- (iii) **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.
- (k) 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.10 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 promoter 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 | 10260272 | 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 | 10260242 | 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.11 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.) 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 promoter 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 evaluation committee 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 promoter 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.
- (h) The following additional requirements are set for all PhD degrees completed

through 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 promoter 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.
 - (iii) Applied research methodology 800 (TNM 800) is compulsory for all PhD candidates in the Faculty.
- (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 |
| Community Health | 10260401 | GGG 900 | GGG 990 |
| Dietetics | 10263061 | DEK 900 | DEK 990 |
| Diagnostic Radiology | 10260591 | DGR 900 | DGR 990 |
| Environmental Health | 10260405 | OGH 900 | OGH 990 |
| Epidemiology | 10260404 | EPI 900 | EPI 990 |
| Family Medicine | 10260461 | HAK 900 | HAK 990 |
| Health Systems | 10260402 | GSL 900 | GSL 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 |
| Nursing Science | 10260311 | VGK 900 | VGK 990 |
| Obstetrics and Gynaecology | 10260551 | OEG 900 | OEG 990 |
| Occupational Therapy | 10260321 | ART 900 | ART 990 |
| Orthopaedics | 10260371 | ORT 900 | ORT 990 |
| Paediatrics | 10260511 | KGE 900 | KGE 990 |
| Pharmacology | 10260531 | FAR 900 | FAR 990 |
| Physiotherapy | 10260451 | FTP 900 | FTP 990 |
| Psychiatry | 10260483 | PSI 900 | PSI 990 |
| Public Health | 10260403 | OGD 900 | OGD 990 |
| Radiography | 10260571 | RAD 900 | RAD 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 |

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) Main Campus |
| 10180002 | Medicine Special (Undergraduate) Witbank Campus |
| 10180003 | Medicine Special (Undergraduate) Hammanskraal Campus |
| 10180004 | Medicine Special (Undergraduate) Nelspruit Campus |
| 10180005 | Medicine Special (Undergraduate) Pietersburg Campus |
| 10180006 | Medicine Special (Undergraduate) Klerksdorp Campus |
| 10185021 | Medicine Special (Nursing science students: Pretoria) |
| 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.

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 modules of a specific year of study to be promoted to a subsequent year of study.

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 skills have been completed to the satisfaction of the head of department.

The Chairperson of the examination moderating meeting may, after investigating the student's total profile, grant special approval to be promoted to the next year of study, in cases where fundamental modules have been failed in the preceding year. With the inclusion of EOT 110 and 120 and CIL 111, 121, the following fundamental modules are relevant:

- **Department of Nursing Science:** GSO 180, 181, 182;
SLK 110, 120;
MTL 180; FIL 110;
SOH 254
- **Department of Physiotherapy:** GSO 180, 181, 182;
SLK 110, 210, SOH 254
- **Department of Occupational Therapy:** GSO 180, 181, 182, 183;
SLK 110, 120, 210, 220,
- **Department of Radiography:** None.

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 has been admitted to a subsequent year of study, may not repeat more than four modules of seven weeks each or two modules of 14 weeks each of the previous year of study.

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.
- **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.

DEGREES IN THE SCHOOL OF HEALTHCARE SCIENCES

I. DEGREES IN NURSING SCIENCE

M.12 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).

APS:

The APS is calculated as follows:

| Achievement code | Achievement level | Marks % |
|------------------|-------------------|---------|
| 7 | Outstanding | 80-100 |
| 6 | Meritorius | 70-79 |
| 5 | Substantial | 60-69 |
| 4 | Adequate | 50-59 |
| 3 | Moderate | 40-49 |
| 2 | Elementary | 30-39 |
| 2 | Not achieved | 0-29 |

- (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 | CIL 121 (4) | | | |
| African language: Sepedi/isiZulu | 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) | | |

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|---------------------------------|----------------------------|----------------------------------|---|--------------------|
| 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 | NPE 161,162 (48) | NPE 261, 262 (48) | NPE 361, 362 (60) | NPE 461, 462 (100) |
| Research in healthcare sciences | | | | 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; and
- (iii) a joint average of at least 75% in DNP 451 and DNP 452.

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| M.13 Bachelor of Nursing Science (Education and Administration) [BCur(I et A)] (Code 10131081) |
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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) or | GVP 110, 120, 160 | - | - |
| 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 | - | - |

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| <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 | - |
| <u>Elective modules</u> | | | |
| (equivalent to 2 year modules, comprising KVG 250, 260 and VPT 260) | | <u>Clinical Nursing Science</u> | |

| | | | |
|--|--|--|--|
| | | <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> | |
|--|--|--|--|

(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).

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| M.14 Bachelor of Nursing Science Honours [BCurHons] |
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Suspended until further notice.

M.15 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

- 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.
- 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

- At least one academic year.
- 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

- 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.
- (VNM 800) Nursing research methodology 800 will exempt students who choose this option, from (TNM 800) Applied research methodology 800.
- (VNM 800) Nursing research methodology 800 is a prerequisite for the successful completion of (VGK 891) Essay 891.
- 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) | | | |
| Year 1 AMS 860, 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 AMS 870, 871, 872 | | | |
| Advanced Medical and Surgical Nursing Science (Critical Care: Trauma and Emergency Nursing) (390 credits) | | | |
| Year 1 ATN 860, 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 ATN 870,871, 872 | | | |
| Advanced Midwifery and Neonatal Nursing Science (390 credits) | | | |
| Year 1 AMN 860, 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 AMN 870, 871, 872 | | | |
| Advanced Psychiatric Nursing Science (390 credits) | | | |
| Year 1 APN 860, 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 APN 870, 871, 872 | | | |
| Advanced Community Nursing Science (320 credits) | | | |
| Year 1 ACN 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 ACN 871, 872 | | | |
| Advanced Child Nursing Science (390 credits) | | | |
| Year 1 ACC 860, 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 ACC 870, 871, 872 | | | |
| Advanced Neonatal Nursing Science (390 credits) | | | |
| Year 1 ANN 860, 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 ANN 870, 871, 872 | | | |
| Advanced Women's Health (320 credits) | | | |
| Year 1 AVN 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 AVN 871, 872 | | | |
| Primary Curative Care (390 credits) | | | |
| Year 1 APC 860, 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 APC 870, 871, 872 | | | |
| Non-clinical Fields: | | | |
| Nursing Management (320 credits) | | | |
| Year 1 ANX 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |

| | | | |
|--|--------------------------|--------------------------|--------------------------|
| Year 2 ANX 871, 872 | | | |
| Nursing Education (320 credits) | | | |
| Year 1 ANZ 861, 862 | Year 1 DNP 800 | Year 1 VNM 800 | Year 2 VGK 891 |
| Year 2 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.

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|--|
| M.16 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.

| |
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| M.16.A 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.

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|-----------------------------------|
| II. DEGREES IN RADIOGRAPHY |
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| M.17 Bachelor of Radiography [BRad] |
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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 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, 120 | EOT 110 (6) EOT 120 (6) |
| Radiographic anatomy 100 | RAN 100 (20) |
| Radiation physics 110 | RFI 110 (10) |
| Physiology 161, 162 | FSG 161 (6) FSG 162 (6) |
| Medical terminology 180 | MTL 180 (4) |
| African language: Sepedi 110/ isiZulu 110 | SEP 110 or 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.

M.18 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 Dosage planning 700 Oncological behavioural science 700 Essay 700 | RSZ 700 (50) DSB 700 (30) OKG 700 (30) 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 Research principles 700 | TNM 800 (5) NVB 700 (20) |
| Core modules Nuclear medicine 700 Radiopharmacology 700 Instrumentation 700 Essay 700 | RDF 700 (50) INX 700 (30) KDE 700 (30) RSK 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 Research principles 700 | TNM 800 (5) NVB 700 (20) |
| Core modules Radiation therapy 701 Essay 700 Radiotherapeutic dosage planning 700 Radiation physics and radio protection 700 Clinical oncology and tumour pathology 701 | RSZ 701 (40) RSK 700 (30) RDB 700 (40) SFR 700 (20) 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 Research principles 700 | TNM 800 (5) NVB 700 (20) |
| Core modules Nuclear medicine 701 Essay 700 Theory of nuclear medicine 710 Radiochemistry and radiopharmacology 700 Radiation physics and instrumentation for nuclear medicine 700 | KDE 701 (30) RSK 700 (30) TKG 710 (30) RCF 700 (25) 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.

| |
|--|
| M.19 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.

| |
|---|
| M.19A Doctor of Philosophy [PhD] (Code 10260571) |
|---|

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

M.20 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 Sciences 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 (4 or 6) | 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.

M.21 Bachelor of Occupational Therapy Honours [BOccTherHons]

Suspended until further notice.

M.22 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 Occupational therapeutic anatomy 802
 FSG 881 Physiology 881
 ANP 891 Anatomical pathology 891
 ATP 800 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 Occupational therapeutic anatomy 803
 FSG 881 Physiology 881
 ANP 891 Anatomical pathology 891
 ATP 800 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 Occupational therapeutic anatomy 803
 FSG 881 Physiology 881
 ANP 891 Anatomical pathology 891
 ATP 800 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.

**M.23 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.

**M.24 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

M.25 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 | 11 | 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 | | 116 | |

(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 | 11 | 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 | | 179 | |

(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.

| |
|--|
| M.26 Master of Physiotherapy [MPhysT] |
|--|

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.

| |
|--|
| M.27 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

M.28 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 VFSS 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 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 322, 411 and 480 (MNX 322, 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 322, 411 and 480 (MNX 322, 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 module(s) | Prerequisite(s) | 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 |
| MGW 112 People and their environment | - | - | 6 |
| Core module | | | |
| VDS Food 111 | - | - | 10 |
| Total credits per semester | | | 80 |
| Second semester | Parallel module(s) | Prerequisite(s) | Credits |
| Fundamental modules | | | |
| CMY 127 Chemistry 127 | - | - | 16 |

| | | | |
|--------------------------------------|----|---|------------|
| EOT 120 Academic literacy 120 | - | - | 6 |
| CIL 121 Information literacy 121 | - | - | 4 |
| Core modules | | | |
| DTT 120 Dietetic profession 120 | -- | - | 16 |
| KEP 261 Cultural eating patterns 261 | - | - | 6 |
| ANA 161 Anatomy of the torso 161 | - | - | 6 |
| Elective modules | | | |
| SLK 220 Psychology 220 | - | - | 12 |
| SEP/ZUL Sepedi 110/isiZulu 110 | - | - | 6 |
| Total credits per semester | | | 72 |
| Total credits first year | | | 152 |

Second year of study

| First semester | Parallel module(s) | Prerequisite(s) | Credits |
|---|---|--|-----------------|
| Fundamental modules | | | |
| FLG 211 Introductory and neuro-physiology 211 | - | MLB 111 CMY 117 GS, 127 GS PHY 131 GS | 16 |
| 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 |
| VDG Nutrition 250 | FLG 211, 212 BCM 253, 254, 255, 256 | 2nd-year status | 12 |
| GMB 252 Medical microbiology 252 | FLG 211,221 | - | 6 |
| Core modules | | | |
| VDS 210 Food 210 | - | VDS 111 | 18 |
| HNT 210 Human nutrition 210 | VDG 250 | - | 12 |
| Total credits per semester | | | 104 |
| Second semester | Parallel module(s) | Prerequisite(s) | 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 & 264 | 9 |

| | | | |
|--|---|--|------------|
| BCM 266 Prac: Biochemistry in perspective 266 | - | As for BCM 263 & 264 | 3 |
| GMB 253,254 Medical microbiology 253, 254 | - | FLG 211 GS, 212 GS | 12 |
| Core modules VDS 221 Food 221 HNT 220 Human nutrition 220 | - FLG 221, 222 BCM 263, 264, 265, 266 | VDS 210 FLG 211 GS, 212 GS BCM 253, 254 255, 256 VDG 250 HNT 210 | 18 24 |
| AGV 413 Communication 413 | - | 2nd-year status | 20 |
| DTT 222 Dietetic application of communication principles 222 | HNT 220 AGV 413 | 2nd-year status | 18 |
| Total credits per semester | | | 148 |
| Total credits second year (80/week) | | | 252 |

Third year of study

| First semester | Parallel module | Prerequisite(s) | 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 |
| GSO 180 Culture and healthcare 180 | - | - | 6 |
| GSO 181 Project planning and management 181 | - | - | 6 |
| FAR 381 Pharmacology 381 | - | FLG 211, 212, 221, 222 GS | 20 |
| MRZ 310 Ethics and law in healthcare 310 | - | 3rd-year status | 6 |
| 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 |
| Total credits per semester | | | 142 |
| Second semester | Parallel module | Prerequisite(s) | Credits* |
| Fundamental modules GSO 182 Developmental process 182 | - | - | 6 |
| 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 322 Medical nutrition therapy 322 | - | 3rd-year status | 50 |
| RCH 320 Research project 320 | - | RCH 310 | 10 |
| DTT 320 Clinic and discussion class 320 | - | DTT 310 | 6 |
| Total credits per semester | | | 134 |
| Total credits third year | | | 276 |

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 |
| VDB 480 Food service management 480 | - | VDS 322, VDB 321 | 35 |
| Total credits per semester | | | 124 |
| Total credits fourth year | | | 219 |

| |
|--|
| M.29 Bachelor of Dietetics Honours [BDieteticsHons] Code (10240001) |
|--|

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.

M.30 Master of Dietetics [MDietetics]

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 | 20 |
| | Credits |
| DEK 895 Essay: Dietetics 895 | 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.

| |
|---|
| <p>M.31 Doctor of Philosophy [PhD] (Code 10263061)</p> |
|---|

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.

| |
|--|
| <p>M.32 Doctor of Science [DSc] (Code 10262001)</p> |
|--|

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

Degree code for Dietetics: 10262001
Degree code for other fields: 10262000

VI. POSTGRADUATE DIPLOMAS

M.33

- 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. M.7(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. M.7(c) apply *mutatis mutandis* to the postgraduate diplomas in question.
- (e) **Concurrent registration for two study programmes**
The stipulations of Reg. M.7(h)(i)-(viii) 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.

| |
|---|
| M.34 Postgraduate Diploma in Dietetics |
|---|

Suspended until further notice.

| |
|--|
| M.34A 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.

| |
|---|
| M.34B Postgraduate Diploma in Interpersonal Communication and Group Techniques in Occupational Therapy (Code 10220131) |
|---|

Discontinued until further notice.

| |
|---|
| M.34C 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.

**M.34D 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 issued with distinction to a student who obtains an average of at least 75% in all the prescribed modules.

| |
|---|
| M.34E 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 issued 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.

**M.35 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.

**M.36 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**

(Credits indicated in brackets)

(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 (20) |
| 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 and written examination will take place at the end of the two-year programme.
 - (iii) A minimum final mark of 50% is required as a pass mark.
- (f) **Pass with distinction**
An average of at least 75% in all modules is required to obtain the diploma with distinction.

SCHOOL OF DENTISTRY

I. BACHELOR'S DEGREE

General Regulations G.1 to G.15 are applicable to bachelor's degrees, and apply *mutatis mutandis* to undergraduate diplomas.

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 | 6 |
| 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 281 | BOK 281 | 45 |
| 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 |
| Oro-facial 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 281 | Pathological conditions and infectious diseases 281 |
| GNK 286 | Basic emergency care 286 |
| IKT 200 | Introduction to clinical dentistry 200 |
| SMO 281 | Special study module 281 (Linked to BOK 281) |
| 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 |
|---------|-------------------------------|

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
- 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.

II MASTER'S DEGREES

D.2 Master of Science Odontology [MScOdont]

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

(a) **Option 1: Main field of study: General**

(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)**

(Field of study code 11252001) as follows:

- 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 (aa) 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 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 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 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**Fifth year of study (Research)****Examination subject:** KGM 802 Maxillo-facial and oral surgery 802**(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 subject: | 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 |
| Basic subjects: | ANA 873 | Anatomy 873 |
| | FSG 806 | Physiology 806 |
| | APA 808 | General pathology 808 |
| | MDB 800 | Applied 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 subject: | 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 MScOdont, 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.

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

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| IV DIPLOMAS |
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| D.6 University Diploma in Oral Hygiene [UnivDipOH] (Code 11120012) |
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Consult General Regulations G.1.3 and G.63.

(a) Admission requirements

A National Senior Certificate with admission for degree purposes is required, with two languages of which one must be English with a 4 (50-59%), Life Sciences 4 (50-59%) and Life Orientation 4 (50-59%) which is excluded when calculating the APS, and an APS of 22.

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

(b) Nature and duration of programme

Two years of full-time study.

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

| | |
|---------|---------------------------------|
| FLG 170 | Physiology 170 |
| GMB 170 | Microbiology and immunology 170 |
| MDB 170 | Oral biology 170 |
| ODO 170 | Odontology 170 |
| PDL 170 | Periodontology 170 |
| ORD 170 | Orthodontics 170 |

Promotion modules

| | |
|---------|--------------------------------------|
| VKM 170 | Preventive oral health 170 |
| GAP 170 | Community as patient 170 |
| TBW 170 | Comprehensive patient management 170 |
| RAD 170 | Radiography 170 |

Attendance module

| | |
|---------|---------------|
| NHS 170 | First aid 170 |
|---------|---------------|

(ii) **Second year of study**

Examination modules

| | |
|---------|--------------------------------------|
| MFP 270 | Maxillo-facial pathology 270 |
| VKM 270 | Preventive oral health 270 |
| TBW 270 | Comprehensive patient management 270 |
| GAP 270 | Community as patient 270 |
| RAD 270 | Radiography 270 |
| PSB 270 | Patients with special needs 270 |
| OFC 270 | Oro-facial surgery 270 |

(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 modules.
- (iv) A pass mark of at least 70% is required in the promotion module Preventive oral health.

(e) **Examinations of the second 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 final year must repeat those modules in the ensuing semester, with an examination at the end of the semester.
The time that must elapse before the student may again report for examination, will be determined by the Dean on the recommendation of the examination committee. 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 student(s) concerned, by the module chairperson, at the beginning of the year.
- (v) The requirement as stipulated in par. (e) (i) above will apply to students who, after repeating a semester, again fail some of the modules.

- (f) **Academic exclusion from further study**
- (i) A student following the University Diploma in Oral Hygiene, 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, in writing, to consider his/her application for readmission in accordance with the prescribed procedure.
 - (iii) A student, who fails the first year of study, must apply for readmission in accordance with the prescribed procedure.
- (g) **Diploma with distinction**
The diploma is awarded with distinction to a student who obtains an average of at least 75% in the examination modules of the second year of study, and at least 65% in all the examination modules of the final year of study.

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| D.7 Postgraduate Diploma in Dentistry [PGDipDent] |
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- (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 700 | Prosthodontics 700 | 11220024 |

or

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.

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

The Afrikaans text of this publication is the official version and will be given precedence in the interpretation of the content.

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| SYLLABI |
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Note:

The list of modules and the module descriptions are available at:
<http://web.up.ac.za/modules>