



UNIVERSITY *of the*
WESTERN CAPE

2024

Faculty of Natural Sciences

NOTICE

All particulars in this Calendar are applicable from 2024. The University reserves the right to amend any regulation or provision at any time without prior notice.

Although every attempt has been made to ensure that the information is accurate, the University does not accept any liability concerning inaccuracies of any of the contents in the Calendar.

Please check the University website (www.uwc.ac.za) for the latest version of this Calendar.

GENERAL INFORMATION

CORRESPONDENCE WITH THE UNIVERSITY

All postal correspondence should be addressed to the relevant person or department at:

The University of the Western Cape
Private Bag X17
Bellville
7535

Should you not know the person or department, please direct all correspondence to the Registrar.

Faculty related enquiries can be directly forwarded to:

The Faculty Manager
Faculty of Natural Sciences
The University of the Western Cape
Private Bag X17
Bellville
7535
Tel: +27 (0)21 959 3426
Email: science-undergrad@uwc.ac.za
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CONTACT NUMBERS

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THE UNIVERSITY'S WEBSITE

www.uwc.ac.za

CALENDAR

The Calendar is obtainable in the following separate parts:

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- Part 3 Faculty of Arts and Humanities
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DEGREES AND DIPLOMAS CONFERRED BY THE FACULTY

DEGREES

Qualification	Abbreviation	Minimum period of Study
Bachelor of Science in Applied Geology	BSc (Applied Geology)	3
Bachelor of Science in Biodiversity and Conservation Biology	BSc (Biodiversity and Conservation Biology)	3
Bachelor of Science in Biotechnology	BSc (Biotechnology)	3
Bachelor of Science in Chemical Sciences	BSc (Chemical Sciences)	3
Bachelor of Science in Computer Science	BSc (Computer Science)	3
Bachelor of Science in Environment and Water Science	BSc (Environment and Water Science)	3
Bachelor of Science in Mathematics and Statistical Sciences	BSc (Mathematics and Statistical Sciences)	3
Bachelor of Science in Medical Bioscience	BSc (Medical Bioscience)	3
Bachelor of Science in Physics	BSc (Physics)	3
Bachelor of Pharmacy	BPharm	4
Bachelor of Science Honours in Applied Geology	BScHons (Applied Geology)	1
Bachelor of Science Honours in Astrophysics	BScHons (Astrophysics)	1
Bachelor of Science Honours in Biodiversity and Conservation Biology	BScHons (Biodiversity and Conservation Biology)	1
Bachelor of Science Honours in Biotechnology	BScHons (Biotechnology)	1
Bachelor of Science Honours in Chemistry	BScHons (Chemistry)	1
Bachelor of Science Honours in Computational Finance	BScHons (Computational Finance)	1
Bachelor of Science Honours in Computer Science	BScHons (Computer Science)	1
Bachelor of Science Honours in Environment and Water Science	BScHons (Environment and Water Science)	1
Bachelor of Science Honours in Mathematics	BScHons (Mathematics)	1
Bachelor of Science Honours in Medical Bioscience	BScHons (Medical Bioscience)	1
Bachelor of Science Honours in Physics	BScHons (Physics)	1
Bachelor of Science Honours in Population Studies	BScHons (Population Studies)	1
Bachelor of Science Honours in Statistical Science	BScHons (Statistical Science)	1
Master of Pharmacy	MPharm	1
Master of Philosophy in Population Studies	MPhil (Population Studies)	1
Master of Science in Applied Geology	MSc (Applied Geology)	1
Master of Science in Biodiversity and Conservation Biology	MSc (Biodiversity and Conservation Biology)	1
Master of Science in Bioinformatics	MSc (Bioinformatics)	1
Master of Science in Biotechnology	MSc (Biotechnology)	1
Master of Science in Chemical Sciences	MSc (Chemical Sciences)	1
Master of Science in Computational Finance	MSc (Computational Finance)	1
Master of Science in Computer Science	MSc (Computer Science)	1
Master of Science in Environment and Water Science	MSc (Environment and Water Science)	1
Master of Science in Mathematical Science	MSc (Mathematical Science)	1

Master of Science in Medical Bioscience	MSc (Medical Bioscience)	1
Master of Science in Nanoscience	MSc (Nanoscience)	2
Master of Science in Pharmaceutical Sciences	MSc (Pharmaceutical Sciences)	1
Master of Science in Pharmacy Administration and Policy Regulation	MSc (Pharmacy Administration and Policy Regulation)	1
Master of Science in Physical Science	MSc (Physical Science)	1
Master of Science in Statistical Science	MSc (Statistical Science)	1
Master of Clinical Pharmacy	M Clinical Pharmacy	2
Doctor of Pharmacy	DPharm	2
Doctor of Philosophy *	PhD	2

DIPLOMAS

Postgraduate Diploma in Integrated Water Resource Management	PGDip (Integrated Water Resource Management)	1
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* Please refer to the programme information for specialisations.

EXPLANATION OF THE NATIONAL QUALIFICATIONS FRAMEWORK

The National Qualifications Framework (NQF) is “a single integrated system for the classification, registration, publication and articulation of quality-assured national qualifications” as stipulated in Section 4 of the NQF Act, 2008 (Act No 67 of 2008).

The National Qualifications Framework (NQF) has ten levels of which Higher Education qualifications occupy 6 levels of the NQF, namely Levels 5 to 10.

Levels 5 to 7 comprise the undergraduate qualifications (with the exception of the Professional Bachelor's degree at Level 8) and Levels 8 to 10 comprise the postgraduate qualifications.

NQF LEVELS	QUALIFICATION TYPES
5	Higher Certificate
6	Advanced Certificate Diploma
7	Advanced Diploma Bachelor's Degree
8	Honours Degree Postgraduate Diploma Professional Bachelor's Degree
9	Master's Degree Professional Master's Degree
10	Doctoral Degree Professional Doctoral Degree

As cited in the Higher Education Qualifications Sub-Framework (CHE, 2013)

FACULTY BOARD AND FACULTY OFFICE STAFF

Ex Officio Members: The Rector, Vice Rector/s, Registrar and Dean

Professors: RF Ajayi, SS Appunni, C Arendse, M Aucamp, A Bagula, R Bailie, P Baker, M Benjeddou, DR Beukes, E Beukes, JS Boatwright, SS Botha, B Bladegroen, RJ Blignaut, T Chatterjee, A Christoffels, V Couldridge, F Cummings, M D'Amato, M de Kock, R Den Haan, A Dube, T Dube, S Egjeyeh, EC Elson, A Engelbrecht, B Fielding (Chairperson), D Fisher, D Frei, A Gerber, MJ Gibbons, M Grenfell, J Halindintwali, G Harkins, DC Hiss, D Holgate, GD Hughes, E Iwuoha, MN Jahed, J Joubert, N Jovanovic, T Kanyerere, M Keyster, L Khotseng, S Khoza, JA Klaasen, AJ Klein, T Kohn, L Leenen, L Leeuw, V Linkov, NN Ludidi, R Maartens, S Macfarlane, A Madiehe, R Madjoe, SF Malan, GW Maneveldt, B Maritz, D Marshall, M Meyer, TK Monsees, J Munyakazi, ECS Mwambene, C Nyirenda, K Obikeze, A Oelofse, MO Onani, M Opuwari, M Opuwari, JN Orce, K Patidar, P Pillay, E Pool, DJR Pugh, A Rajkaran, H Samsodien, MGR Santos, M Shaw, AJ Smit, N Stiegler, R Taylor, M Tchokonte, S Triambak, IM Trindade, M Viljoen, KL Ward, Y Xu

Drs: S Abdul-Rasool, P Abrantes, D Anderson, AV Busa, M Bennett, H Brydon, S Clarke, R Cloete, CH Conana, J de Smidt, N Ebrahim, E Egjeyeh, C Franke, M Ghaziasgar, M Herbert, U Hesse, A Hitzeroth, M Huber, C Ikpo, OE Isafiade, E Kapp, M Kasu, J Keddie, B Kirby-McCullough, C Kotze, E Kovaleva, W Lee, M Lochner, R Luus, K Makhatini, C Makasu, S Maku-Vyambwera, GF Malgas, L Maree, C Marimwe, L Mbonile, JA McCartney, L Mciteka, N Mohamed, T Morris, A Mukhtar, T Mulaudzi-Masuku, GE Muller, TFG Muller, F Muya, MJ Norman, C Nyirenda, M Nsumai, P O'Farrell, I Okeyo, C Opuwari, MB Parker, S Pasupathi, K Pokpas, F Rahiman, A Razafindrakoto, N Ross, D Solomons, G van Schalkwyk, TS Volkwyn, T Waryo, C Willemse

Messrs: C Baker, H Harribhai, A Henney, A Latief, T Lesch, R Maclons, C Mupfiga, M Ongansie, E Upton, N Vivier, A Wehmeyer, G Williams

Mmes: L Bosman, IT Dube, RC Eager, N Haines-Arries, R Jacobs, N Keuler, R Lombard-Jacobus, B Langa, M Laubscher, M Levendal, GR Raitt, SA Short, Y van Heerden, Y Williams

Representatives from the Faculties of:

Education:	Dr B May
Arts and Humanities:	Dr M van Heerden
Community and Health Sciences:	Mrs J Wilkenson
Economic and Management Sciences:	Dr J Breytenbach

FACULTY OFFICE STAFF

Dean:	Prof B Fielding, BSc (Hons) PhD (UWC) MPhil (SU)
Deputy Deans:	Prof RF Ajayi, BSc (Hons) PhD (UWC) Prof A Dube, BPharm (Zimbabwe) MPharm (UWC) PhD (Monash) Prof K Patidar, PhD (IIT Kanpur)
Learning & Teaching Specialist:	Dr CH Conana, MEd (SU) PhD (UWC)
Acting Faculty Manager:	Ms K Parker, BSc (Hons) (UNISA) PGDip (UCT)
Administrator to the Dean:	Vacant
Senior Faculty Officer:	Ms K Parker, BSc (Hons) (UNISA) PGDip (UCT)
Faculty Officers:	Ms C Carolus, BA (Hons) (UWC) Mr D Du Plooy, BAdmin (UWC) Ms N Isaacs Ms F Pathan, BA PGCE (UWC) Mr R Williams, BA (UNISA)
Health & Safety Officer:	Mr A Snell
Administrative Officer:	Ms C Hendricks, BSc (UWC)
Web Facilitator:	Vacant

Administrative Assistants: Ms J Engel
Ms S Gxagxama, BSc (Hons) (UWC)

LECTURING AND TECHNICAL STAFF

BIODIVERSITY AND CONSERVATION BIOLOGY

Departmental Chairperson: Prof A Rajkaran, PhD (NMMU)
Senior Professor: Prof MJ Gibbons, BSc (Hons) (Liverpool) PhD (UCT)

Professors: Prof JS Boatwright, PhD (UJ)
Dr V Couldridge, PhD (Wits)
Prof GW Maneveldt, PhD (UWC)
Prof AJ Smit, MSc (UPE) PhD (UCT)
Prof A Engelbrecht, PhD (SU)
Prof B Maritz, PhD (Wits)
Prof A Rajkaran, PhD (NMMU)
Prof A Channing, PhD UED (UKZN)
Prof L Raitt, PhD (SU)

Associate Professors: Prof EM Moll, PhD (UKZN)
Prof P Barham, PhD (Bristol)

Emeritus Professors: Dr J Arnolds, PhD (CPUT) PhD (NWU)
Dr K Christison, PhD (UFS)
Ms JC Coetzee, MSc (UCT)
Dr A de Lecea, PhD (UKZN)
Dr MGJ Hendricks, PhD (UWC)
Dr A le Roux, PhD (UNISA)
Dr S Naidoo, PhD (UKZN)
Dr RA Maritz, PhD (Cornell)
Dr JS McManus, PhD (Wits)
Dr T Samaai, PhD (UWC)
Dr MI Samuels, PhD (UCT)
Dr MPE Schurch, PhD (Southampton)
Dr B Smuts, MBChB (UCT)
Dr AA Turner, PhD (UWC)
Dr CD van der Lingen, PhD (UCT)
Dr E van Jaarsveld, PhD (UP)
Dr L Waller, PhD (UCT)

Senior Lecturer: Dr P O'Farrell
Lecturers: Ms RC Eager, MSc (UWC)
Ms M Laubscher, MSc (SU)
Ms GR Raitt, MSc (SU)
Ms SA Short, MSc (SU)

Chief Officers: Ms D Faroe, MSc (UWC)
Ms T Mdlangu, MSc (RU)

Senior Officers: Mr BA Flynn, BSc (Hons) (UWC)
Ms L Gelderbloem, BSc (Hons) (UWC)
Ms A King, BSc MPA (UWC)

Officers: Ms P Mpange, BSc (UKZN)
Mr A Rakgoale MSc (UCT)

Administrative Officer: Ms L van Heerden, Dipl (Varsity College)

BIOTECHNOLOGY

Departmental Chairperson:

Professors:

Associate Professors:

Emeritus Professor:

Extra-Ordinary Professors:

Senior Lecturers:

Lecturer:

Research Fellows:

Chief Officers:

Senior Officers:

Officer:

Administrative Officer:

Administrative Assistant:

Prof R Den Haan, PhD (SU)

Prof M Benjeddou, PhD (UWC)

Prof M D'Amato, PhD (Buenos Aires)

Prof M Keyster, MSc (UWC) PhD (SU)

Prof NN Ludidi, PhD (UWC)

Prof M Meyer, PhD (UWC)

Prof R Den Haan, PhD (SU)

Prof AJ Klein, PhD (UWC)

Prof A Madiehe, PhD (Louisiana)

Dr T Mulaudzi-Masuku, PhD (UWC)

Prof DJR Pugh, DPhil (Oxon)

Prof DA Cowan, PhD (Waikato)

Prof R Auberbach, PhD (Wageningen)

Dr U Hesse, PhD (Martin Luther)

Dr M Kasu, BSc (Hons) MPhil (UCT) PhD (UWC)

Dr M Du Plessis, PhD (UWC)

Dr A Fadaka, PhD (UWC)

Dr N Sibuyi, PhD (UWC)

Dr P Ristow, PhD (UWC)

Dr A van Schalkwyk, PhD (UWC)

Dr V Mavumengwana, PhD (UCT)

Dr K Gabuza, PhD (UWC)

Dr L Husselman, PhD (UWC)

Dr C Jacobs, BCom (Hons) PhD (UWC)

Mr A Lilelo, BSc Hons (UWC) MSc (SU)

Mrs S Grové, MSc (SU)

Dr L van Zyl, PhD (UWC)

Ms E Anthony, BSc ADM (UWC) BSc (Hons) (UCT)

Mr C Gelderbloem, BSc (Hons) (UWC)

Ms S Nene, BSc (Zululand) BSc (Hons) (UKZN)

Mrs P Lebenya, MTech (TUT) MSc (SU)

Ms F Starkey

Ms M Pool

CHEMISTRY

Departmental Chairperson:

SARCHI Chair (NanoElectrochemistry & Sensor Technology):

SARCHI Chair (Analytical Systems and Processes for Priority and Emerging Contaminants (ASPPEC):

Senior Professors:

Professors:

Associate Professors:

Prof MN Jahed, MTech (CPUT) PhD (UWC)

Prof E Iwuoha, BSc (Hons) (Nigeria) PhD (Ibadan) FRSC (United Kingdom)

Prof P Baker, BSc (UCT) MSc (UWC) PhD (SU)

Prof P Baker, BSc (UCT) MSc (UWC) PhD (SU)

Prof E Iwuoha, BSc (Hons) (Nigeria) PhD (Ibadan) FRCS (United Kingdom)

Prof L Khotseng, PhD (SU)

Prof MO Onani, MSc (Kenyatta) PhD (UKZN)

Prof RF Ajayi, BSc (Hons) PhD (UWC)

Prof E Beukes, BSc (Hons) MSc PhD (RU)

Prof MN Jahed, MTech (CPUT) PhD (UWC)

Prof T Waryo, BSc MSc (Addis Ababa) PhD (Graz)

Emeritus Professors:	Prof IR Green, BSc (Hons) PhD (UCT) Prof L Petrik, BA (UNISA) PhD (UWC) Prof JJS Titinchi, MSc (Basrah) PhD (Indian IT Roorkee)
Extra-Ordinary Professors:	Prof P Makgwane, BSc (Hons) MSc (UP) PhD (NMU) Prof M Davies-Coleman, BSc (Hons) PhD (RU) Prof D Shallcross, DPhil (Oxon) Prof WT Mabusela, BSc (UFH) MSc (RU) PhD (UCT)
Senior Lecturers:	Dr O Alexander, BSc Hons (UFS) MSc PhD (UFS) Dr C Franke, BSc (Hons) MSc (UWC) Dr C Ikpo, BSc (Hons) (Owerri) MSc (Lagos) PhD (UWC) Dr K Pokpas, BSc (Hons) MSc PhD (UWC) Dr N Ross, BSc (Hons) MSc PhD (UWC) Dr AV Busa, BSc (Hons) MSc PhD (UWC) Dr L Mciteka, PhD (RU) Dr N Mohamed, HDE MSc PhD (UWC) Dr F Muya, BSc (Hons) MSc PhD (UWC)
Lecturers:	Vacant
Senior Researcher:	Ms SW Grové, BSc (Hons) MSc (SU)
Chief Officers:	Mr T Lesch, BTech (CPUT)
Senior Officers:	Mr B de Wet, BSc (UWC) Mr A Manti, BCom BSc (UWC)
Senior Technical Officer:	Vacant
Officer:	Mr BD Makhoba, BSc (UWC)
Administrative Officers:	Ms W Jackson Ms D McMahon

COMPUTER SCIENCE

Departmental Chairperson (Acting):	Prof L Leenen, BSc (Hons) MSc (UJ) PhD (Wollongong Australia)
Professor:	Prof A Bagula, MEng (Belgium) MSc (SU) PhD (Royal Institute of Technology Sweden)
Emeritus Professor:	Prof IM Venter, BSc HED (SU) MSc (UNISA) PhD (UP)
Extra-Ordinary Professors:	Prof JM Blackledge, BSc ARCS PhD DIC (London) PhD (Jyvaskyla Finland) Prof R Gliitho, MSc (Geneve) PhD (Royal Institute of Technology Sweden) Prof U Klauck, PhD (Heidelberg) Prof WD Tucker, BA (Trinity) MS (ASU) PhD (UCT)
Adjunct Associate Professor:	Prof T Chiwewe, PhD (UP)
Associate Professors:	Prof A Gerber, BEng (UP) M Eng (Wits) PhD (UNISA) Prof L Leenen, BSc (Hons) MSc (UJ) PhD (Wollongong Australia)
Extraordinary Senior Lecturer:	Dr F Mouton, BSc (Hons) MSc PhD (UP)
Research Fellow:	Dr R Van Heerden, BEng MEng (UP) PhD (Rhodes)

Senior Lecturers: Dr M Ghaziasgar, MSc (UWC) PhD (UWC)
 Dr OE Isafiade, PGDip (AIMS) MSc PhD (UCT)
 Dr MJ Norman, BSc (Hons) PhD (UWC) MSc (UCT)

Lecturer: Dr C Nyirenda, PhD (TokyoTech Japan)
 Mr A Henney, MSc (UWC)
 Mr C Baker, BSc (Hons) (UWC) MSc (UCT)

nGAP Lecturer: Vacant

Senior Officers: Mr DJD Leenderts
 Mr MT Allie, BSc (Hons) (UWC)
 Ms R Abbott

Administrators: Ms F Jacobs, BCom (UWC)

EARTH SCIENCES

Departmental Chairperson (Acting): Prof M Opuwari, MSc (Port Harcourt) PhD (UWC)

Senior Professor: Prof Y Xu, MSc (Chengdu) PhD (UFS)

Professors: Prof T Dube, MSc (Twente, Netherlands) PhD (UKZN)
 Prof D Frei, MSc (TU Berlin) Dr rer nat (Göttingen)
 Prof Y Xu, MSc (Chengdu) PhD (UFS)

UNESCO Chair (Hydrogeology): Prof R Bailie, MSc (Wits) PhD (UJ) Pr Nat Sci

Associate Professors: Prof T Chatterjee, MSc PhD (India School of Mines)
 Prof M Grenfell, MSc (UKZN) PhD (Exeter)
 Prof N Jovanovic, MSc (CIHEAM, Italy) PhD (UP)
 Prof T Kanyerere, BEd MSc (Malawi) MPhil (Norway) PhD (UWC)

Emeritus Professors: Prof C Okujeni, Dr rer nat (TU Berlin)
 Prof D Mazvimavi, BSc (Hons) (Zimbabwe) MSc (Vrije U Brussel) PhD (Wageningen)
 Prof J van Bever Donker, Drs (Leiden) PhD (UCT)

Extra-Ordinary Professors: Prof E Braune, MSc (Imperial College London) PhD (UWC)
 Prof J Day, PhD (UCT)
 Prof J King, PhD (UCT)
 Prof J Goldin, BA (RU) PhD (UCT)
 Prof AD Levine, BA (Bates) MS (Tulane) PhD (California)
 Prof PJ Oberholster, PhD (UP)
 Prof L Swatuk, PhD (Dalhousie)
 Prof A Turton, PhD (UNISA)

Senior Lecturers: Dr S Clarke, MSc (UWC) PhD (SU)

Lecturers: Dr M Huber, MSc (Tennessee) PhD (Vienna)
 Dr E Kovaleva, MSc (Moscow) PhD (Vienna)
 Ms Y Williams, BSc MSc (UWC)

Academic Coordinator HIVE: Mr H Solomon, BSc Hons (Eritrea) MSc (UWC)

Chief Officers: Mr EJ Swartbooi, MSc (UWC)
 Mr AS Williams, BSc (Hons) MSc (UWC)

Senior Officer: Vacant

Department Administrator: Ms W Davids

Department Administrator: Ms M Naidoo

Technical Assistants: Ms J Becorney
 Mr S Davids

UNESCO Chair PA: Ms C Carnow
MATHEMATICS AND APPLIED MATHEMATICS

Departmental Chairperson:	Dr D Solomons, PhD (UCT)
Senior Professors:	Prof D Holgate, PhD (UCT) Prof K Patidar, PhD (IIT Kanpur)
Professors:	Prof ECS Mwambene, BSc (Hons) (Malawi) MSc (London) Dr rer nat (Vienna) Prof J Munyakazi, PhD (UWC)
Associate Professors:	Prof P Pillay, PhD (UDW)
Emeritus Professor:	Prof RL Fray, MSc (UWC) MSc PhD (SU)
Senior Lecturers:	Dr W Lee, PhD (UP) Dr C Makasu, DPhil (Zimbabwe) Dr E Mehdinezhad, PhD (UCT) Dr A Razafindrakoto, PhD (SU) Dr D Solomons, PhD (UCT)
Lecturers:	Dr S Maku-Vyambwera, BSc (WSU) BSc (Hons) MSc (UWC)
ECP Lecturers:	Dr GE Muller, PhD (UWC) Dr A Mukhtar, PhD (UWC) Dr M Nsumai, PhD (UWC) Dr G van Schalkwyk, PhD (UWC) Mr M Ongansie, BSc (Hons) UWC
Chief Officer:	Mr A Taylor, HDE MSc (UWC)
Senior Officers:	Ms L Adams, MSc (UCT) Ms F Karriem, MSc (UWC)
Officer:	Mr T Gongxeka, B Tech (NMMU) PGDip (UWC)
Administrative Officers:	Ms GL Hendricks, MDP (UWC) Ms N Lukas, BTech (CPUT)

MEDICAL BIOSCIENCES

Departmental Chairperson:	Prof A Oelofse, MSc (SU) PhD (Wageningen)
Professors:	Prof A Oelofse, MSc (SU) PhD (Wageningen) Prof GD Hughes, MPH DrPH (California Berkeley) Prof TK Monsees, BSc MSc PhD (Bremen) Habil (Giessen) Prof M de Kock, PhD (UP) Prof D Fisher, MSc (UCT) PhD (UWC)
Associate Professors:	Prof DC Hiss, PhD (UCT) Prof JA Klaasen, MSc (UWC) PhD (Penn State USA) Prof T Kohn, ADM (UCT) BSc (Hons) (SU) PhD (SU) Dr L Maree, MSc (SU) PhD (UWC) Prof M Shaw, BSc (Med) Hons (UCT) PhD (University of Glasgow UK)
Emeritus Professors:	Prof C Africa, PhD (London) Prof G van der Horst, PhD (SU) PhD (UPE) EM Cert (Zeiss, Germany) Prof GS Maritz, BSc (Hons) PhD MBA (SU)
Senior Lecturers:	Dr S Abdul-Rasool, MBChB (Baghdad) MSc (Al-Nahrain) PhD (UCT) Dr J de Smidt, BSc MBChB (SU) Dipl (UWC) PhD (UWC)

	Dr L Mbonile, MBChB (Dar) MPH (UP) PGDip (ITM-Antwerp)
	Dr C Opuwari, PhD (UWC)
	Dr F Rahiman, PhD (UWC)
Lecturers:	Dr P Abrantes, PhD (UWC) PGDip (Edinburgh)
	Dr M Bennett, PhD (UWC)
	Dr K Makhatini, PhD (UKZN)
	Ms N Haines-Arries, MSc (UWC)
	Mr H Harribhai, BMedSci (Hons) (UDW) MSc (UWC)
	Dr C Kotze, MSc PhD (NWU)
	Ms B Langa, MSc (UWC)
	Dr T Morris, MSc PhD (UWC)
	Mr C Mupfiga, MSc (UWC)
Associate Lecturer:	Dr C Willemse, MSc PhD (UWC) PGCE (UNISA)
Chief Officers:	Mr G Williams, MSc (SU)
	Ms V Jooste, MSc (UWC)
Senior Officers:	Mr Y Mnyamana, MSc (UWC)
	Mr A Braaf, BSc (Hons) (UWC)
	Ms I Messeir, BSc (Hons) MSc (UWC)
	MsTB Shabalala, BSc (Hons) (UKZN)
	Ms M Smith, BSc (Hons) MSc (UWC)
	Mr D Solomons
Senior Officer (Finance):	Ms N Schoeman, BAdmin (Hons) HCED ADPA (UWC)
Officers:	Ms C McKay, MSc (SU)
	Mr M Ntsabo
Administrative Officers:	Ms C Davids, Dipl (INTEC)
	Ms N Louw, Dipl (Financial Manage Institute of SA) Cert (AGATE)

SCHOOL OF PHARMACY

Director:	Prof SF Malan, DTE BPharm MSc PhD (NWU)
Professors:	Prof M Aucamp, BPharm MSc PhD (NWU)
	Prof DR Beukes, BSc BSc (Hons) PhD (RU)
	Prof A Dube, BPharm (Zimbabwe) MPharm (UWC) PhD (Monash)
Emeritus Professors:	Prof J Joubert, BPharm MSc PhD (NWU)
	Prof NC Butler, MPharm (UWC) BSc (Hons) (US) PhD (Minnesota)
	Prof P Mugabo, BSc MBChB (Rwanda) MMed (Louvain) PhD (Ghent)
Associate Professors:	Prof S Egieyeh, BPharm (Lagos) MPharm PhD (UWC)
	Prof S Khoza, BPharm MSc (Zimbabwe) PhD (Texas, Austin)
	Dr JA McCartney, DipPharm MSc (UPE) PhD (NMU)
	Prof K Obikeze, BPharm (Nigeria) MPharm PhD (UWC)
	Prof H Samsodien, BPharm MPharm (UWC) PhD (UCT)
	Prof M Viljoen, BPharm MSc PhD (NWU)
	Prof KL Ward, BPharm MPharm PhD (UWC)

**Extra-Ordinary Professor:
Adjunct Professors:**

Prof WR Folk, BA (Rice, Texas) PhD (Stanford)
Prof P Valodia, BPharm MPharm (UWC) PhD (UCT)
Prof GL Muntingh, BPharm (UP) MSc PhD (Medunsa)
Dr RD Crutchley, PharmD (UNC-Chapel Hill)
Dr L Gwaza BS Pharm (Honors) MS (Zimbabwe) PhD (Utrecht, Netherlands)

Senior Lecturers:

Dr N Ebrahim, BPharm MPharm PhD (UWC)
Dr E Kapp, BPharm MSc (NWU) PhD (UWC)
Dr MB Parker, BPharm MPharm PhD (UWC)

Lecturers:

Ms LT Dube, BPharm (RU) MPH (UWC)
Dr E Egieyeh, BPharm (Lagos) MPharm PhD (UWC)
Dr C Marimwe, BPharm PhD (RU)
Ms N Keuler, BPharm (NWU), MCLinPharm (UWC)

Adjunct Lecturers:

Dr I Okeyo, BPharm MPharm (RU) PhD (UWC)
Mr E Upton, BPharm (NWU) MPharm (SMU)
Ms Y van Heerden, BPharm, MPharm (NMU)
Mr J Whitty BEng (SETU, Ireland) MSc (Trinity College, Ireland)

Chief Officer:

Ms EMR Braaf, BSc (SU) BSc (Hons) (UWC)

Senior Officers:

Mr ST Dyantyi, BSc (UCT) BSc (Hons) (UWC) MSc (UJ)

Administrative Officers:

Mr Y Kippie, BTech (CPUT)
Ms A Ramplin, BSc (Hons) (UWC)
Mr R Maart, BSc (Hons) (UWC)
Mr B Minnis
Ms R Symonds
Ms BL van Rooyen
Ms S Blake, BA HDE (UWC)

PHYSICS AND ASTRONOMY

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SARCHI Chair (Nuclear Science)

Prof MGR Santos, MA (Cantab) PhD (Oxon)

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Prof S Macfarlane, PhD (Radboud University)

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