



NELSON MANDELA

UNIVERSITY

PORT ELIZABETH & GEORGE, SOUTH AFRICA

**POSTGRADUATE**  
PROGRAMME GUIDE  
FOR INTERNATIONAL STUDENTS

ver: 20190304



The Office for International Education is the first port of call for international students seeking assistance with any aspect of their academic or residential life. Students are encouraged to maintain close ties with the Office during their period of study at the University.

The support network throughout the University and the surrounding neighbourhood is comprehensive, and visitors and students can feel confident that they will easily settle into their new environment.

All these connections make the Nelson Mandela University a unique place to study.

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**Disclaimer:** All reasonable steps have been taken to ensure that the information contained in this guide was accurate at the date of publication. Nelson Mandela University reserves the right to make changes to the programme details (e.g. rules, admission requirements, etc.) as published in this guide. Prospective students are advised to consult the International Office prior to applying.

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## Dear prospective international students,

I wish to extend an invitation to you to study at Nelson Mandela University in Port Elizabeth, South Africa – the only university in the world that carries the name of one of the world’s most iconic leaders, Nelson Rolihlahla Mandela.

Nelson Mandela University’s vision is to be a dynamic African university recognised for its critical and constructive contribution to the creation of a sustainable future in South Africa, Africa and the world.

We strive to provide high quality education to our students and challenge students to use their knowledge and skills to develop solutions to intractable global challenges and to change the world for the better.

Our research and engagement play an important part of this strategy, asking critical questions and generating new ideas and innovations.

As the university, we are aware of the privilege and responsibility of carrying the name of one of the world’s greatest leaders, Nelson Mandela. The honour of bearing this name carries with it significant responsibility. Nelson Mandela had deep compassion for humanity, particularly for the marginalised, and he made huge personal sacrifices in his relentless quest for social justice and equality. He also placed education at the centre as a force for good. This is what guides us and our approach to offering education for a better future for all.

At Nelson Mandela University, we have students from more than 60 countries from across the world. We see this diversity as a strength, contributing to a dynamic living and learning environment for our students. Come and join us and make your contribution to changing the world.

### **Prof Sibongile Muthwa**

Nelson Mandela University, Vice Chancellor





SOUTH AFRICA

• Johannesburg

Eastern Cape

• Cape Town

George

• Port Elizabeth

# ABOUT OUR UNIVERSITY

Nelson Mandela University has the vision to see beyond today, to lead you to a brighter tomorrow.

Nelson Mandela University is a new generation university, offering students the best of both theory and practice from entry certificate level right through to doctoral research. Founded on more than a century of quality higher education, Nelson Mandela University nurtures innovation, fosters creativity, embraces technology and develops people to meet the challenges of tomorrow.

The university has already established itself as a leader in fields such as automotive engineering, ecology, marine studies, community health, the built environment, art and design, accounting and auditing, education and IT, offering students a wide choice of stimulating and market-oriented courses, and opening up a variety of career opportunities allowing our students to be well-rounded and capable of success anywhere in the world.

The university models its core business of teaching and learning around national, regional, continental and global priorities, adding new programmes and continually updating its courses to meet tomorrow's needs.

Students have access to well-equipped laboratories for specific subjects, computer laboratories, libraries, residences, lecture halls, cafeterias, food courts, coffee shops as well as a state-of-the-art fitness and aquatics centre, situated on our South Campus. In addition, the university's impressive sport facilities are among the best of any university in the country.

With its spectacular natural surroundings – from beaches and mountains to game reserves and indigenous forests – Port Elizabeth and George are ideal places to spend your student years, offering all the advantages of city living in a friendly environment.

Academic programmes are offered in seven faculties:

• Arts • Business and Economic Sciences • Education • Engineering, the Built Environment and Information Technology • Health Sciences • Law • Science.

# RESEARCH & INNOVATION

Connected to 86 universities in 26 countries across the globe Nelson Mandela University is the biggest tertiary institution in the Eastern Cape, with over 27 000 students enrolled on six campuses – five in Nelson Mandela Bay (Port Elizabeth) and one in the beautiful city of George. The university offers a full spectrum of almost 400 specific qualifications which are career-focused, academic-oriented and professional programmes - from diploma through to doctoral level.

Our priority is to promote academic excellence through varied curricula, the standard of teaching throughout all faculties, and through innovative and applied research for social and economic development. Nelson Mandela University programmes are recognised and accredited by the relevant professional bodies locally and in many cases internationally, and Nelson Mandela University students can be found working around the globe.

South Africa has a long coastline stretching more than 2 500km from the desert border with Namibia on the Atlantic coast, southwards around the tip

of Africa, then up the east coast to the border with Mozambique on the Indian Ocean. Nelson Mandela University is therefore ideally positioned to support South Africa and Africa's Integrated Maritime Strategy through the expansion of our academic offerings and research projects to include Marine and Maritime Studies. Similarly, excellent progress is being made in developing the infrastructural and academic scaffolding for a Medical School. Both these expansion projects are being supported by funding from key stakeholders, notably the Department of Higher Education and Training (DHET), National Skills Fund, merSETA and the Transport Education and Training Authority.

## STRATEGIC PRIORITY

One of the key priorities within Nelson Mandela University's Vision 2020 is to create and sustain an environment that encourages, supports and rewards a vibrant research, scholarship and innovation culture. This is underpinned by four strategic goals:

- To promote research and innovation that contributes to local, regional, national and global sustainability;
- To create and support an environment that fosters research quality and productivity;
- To develop and sustain the research capacity of staff and students; and
- To promote a broad conceptualisation of research, scholarship and innovation.



## INSTITUTIONAL RESEARCH THEMES

The Institutional Research Themes are flagship research areas of the University and the main vehicle through which the research vibrancy of the institution is driven.

- Ocean and Coastal Sciences
- Social Justice and Democracy
- Environmental Stewardship and Sustainable Livelihood
- Innovation and the Digital Economy
- Origins, Culture, Heritage and Memory
- Humanising Pedagogies

## RESEARCH CHAIRS

The Department of Science and Technology/National Research Foundation (DST/NRF) South African Research Chairs Initiative (SARChI) is a prestigious programme that was created with the main goal of strengthening and improving research and innovation capacity of public universities for producing high quality postgraduate students and research and innovation outputs.

**The key objectives of SARChI are to:**

- Expand the scientific research and innovation capacity of South Africa
- Improve South Africa's international research and innovation competitiveness while responding to social and economic challenges of the country
- Attract and retain excellent researchers and scientists
- Increase the production of masters and doctoral graduates
- Create research career pathways for young and mid-career researchers, with a strong research, innovation and human capital development output trajectory.

**The Nelson Mandela University currently holds seven (7) SARChI Chairs:**

- Chair in Identities and Social Cohesion in Africa (SARChI). The incumbent is Prof. Andrea Hurst (andrea.hurst@mandela.ac.za)
- Chair in Marine Spatial Planning (SARChI). The incumbent is Prof A. Lombard (amanda.lombard@mandela.ac.za)
- Chair in Ocean Science & Food Security (SARChI). The incumbent is Prof M. Roberts (michael.roberts@mandela.ac.za)
- Chair in Law of the Sea and Development in Africa (SARChI). The incumbent is Prof P. Vrancken (patrick.vrancken@mandela.ac.za)
- Chair in Shallow Water Ecosystems (SARChI). The incumbent is Prof J. Adams (janine.adams@mandela.ac.za)
- Chair in Microfluidic Bio/Chemical Processing (SARChI). The incumbent is Prof P. Watts (paul.watts@mandela.ac.za)
- Chair in Earth Systems Science (SARChI). The incumbent is Prof D. Bell (david.bell@mandela.ac.za)

## RESEARCH ENTITIES

In addition, research and innovation is also nurtured within the University's research and engagement entities. Entities may be faculty based or institutional, and similar to research chairs, their emphasis is on postgraduate training and research productivity.

### INSTITUTES IN FACULTIES (1)

No	Name	Acronym	Leader	Faculty	Contact number	Email address
1	InnoVenton: Institute for Chemical Technology and Downstream Chemical Technology Station and its sub-entities	InnoVenton/DCTS	Dr G Dugmore (Interim)	Science	041 504 3482	gary.dugmore@mandela.ac.za

### CENTRES IN FACULTIES (14)

1	Built Environment Research Centre	BERC	Prof W Shakantu	EBEIT	041 504 2394	winston.shakantu@mandela.ac.za
2	Centre for Community Technologies	CCT	Prof D van Greunen	EBEIT	041 504 2090	darelle.vangreunen@mandela.ac.za
3	Centre for Research in Information and Cyber Security	CRICS	Prof R Botha	EBEIT	041 504 3179	reinhardt.botha@mandela.ac.za
4	Centre for African Conservation Ecology	ACE	Prof Graham Kerley	Science	041 504 2308	graham.kerley@mandela.ac.za
5	Centre for Energy Research	CER	Prof Ernest van Dyk	Science	041 504 2259	ernest.vandyk@mandela.ac.za
6	Centre for High Resolution Transmission Electronic Microscopy	HRTEM	Prof J Neethling	Science	041 504 2143	jan.neethling@mandela.ac.za
7	Centre of Expertise in Forecasting	CEF	Prof I Litvine	Science	041 504 2764	igor.litvine@mandela.ac.za
8	Centre for Rubber Science and Technology	CRST	Prof P Hlangothi	Science	041 504 2437	percy.hlangothi@mandela.ac.za
9	Telkom Centre of Excellence	CoE	Prof Janet Wesson	Science	041 504 2323	janet.wesson@mandela.ac.za
10	African Centre for Coastal Palaeoscience	ACCP	Prof R Cowling	Science	041 504 2397	richard.cowling@mandela.ac.za
11	Centre for Broadband Communication	CBC	Prof T Gibbon	Science	041 504 2141	tim.gibbon@mandela.ac.za
12	Centre for Critical Studies in Higher Education Transformation (CriSHET)	CriSHET	Prof A Keet	Education	041 504 4674	andre.keet@mandela.ac.za
13	Centre for Philosophy in Africa	CPA	TBD	Arts		
14	Centre for Women and Gender Studies	CWGS	TBD	Arts		

### UNITS IN FACULTIES (6)

1	Family Business Unit	FBU	Dr E Venter	Business & Economic Sciences	041 504 2204	elmarie.venter@mandela.ac.za
2	Unit for Positive Organisations	UPO	Prof M Mey	Business & Economic Sciences	041 504 2360	michelle.mey@mandela.ac.za
3	Unit for Economic Development and Tourism	UFEDT	Dr S van Zyl	Business & Economic Sciences	041 504 4089	shireen.vanzyl@mandela.ac.za
4	Unit for Visual Methodologies for Social Change	UVMSC	Prof N de Lange	Education	041 504 4519	naydene.delange@mandela.ac.za
5	Drug Utilisation Research Unit	DURU	Prof Ilse Truter	Health Sciences	041 504 2131	ilse.truter@mandela.ac.za
6	Sustainability Research Unit	SRU	Ms Bianca Currie	Science	044 801 5121	bianca.currie@mandela.ac.za

### ENTITIES REPORTING TO THE DVC: RESEARCH AND ENGAGEMENT - University based (4)

1	HIV& AIDS Research Unit		HARU	Dr Rosemary Kalenga	041 504 2344	rosemary.kalenga@mandela.ac.za
2	Centre for the Advancement of Non-Racialism and Democracy		CANRAD	Mr Allan Zinn	041 504 4616	allan.zinn@mandela.ac.za
3	AEON - Earth Stewardship Research Institute		ESSRI	Prof Maarten de Wit and Dr Moctar Doucoure	041 504 4611	moctar.doucoure@mandela.ac.za
4	Institute for Coastal and Marine Research		ICMR	Prof Janine Adams and Dr Pierre Pistorius	041 504 2429	janine.adams@mandela.ac.za



# LEVELS & TYPES OF POSTGRADUATE STUDIES

Nelson Mandela University offers opportunities for postgraduate studies across the full spectrum of qualification types.

Whether you are pursuing an academic or professional career, aiming for success in the private or public sector, or just want to add value to your personal development, postgraduate studies offer the opportunity to deepen your understanding and sharpen your skills, to specialise and to focus on what interests you.

A relevant postgraduate qualification is becoming increasingly valuable in the employment market. International trends indicate that more graduates are competing for fewer jobs. Job opportunities in many sectors of the economy have become highly competitive, and a postgraduate qualification sets you apart from the rest. Supported by career experience, a relevant postgraduate qualification gives you the competitive edge and will surely contribute to promotional opportunities in your career. Distinguish yourself by not only pushing the boundaries of your current body of knowledge but also by refining your intellectual capacity. Enroll for a postgraduate programme and become part of the intellectual stronghold that contributes to the global accumulation and application of knowledge.

Postgraduate qualifications are structured as follows:

## BACHELOR HONOURS DEGREE

An honours degree is an initial postgraduate qualification, preparing students for research-based postgraduate study. This qualification typically follows a bachelor's degree and serves to deepen your expertise in a particular discipline, and to develop research capacity for further study at master's level. Not all honours programmes involve actually conducting research, but all of them should at least include a research methodology course as part of the coursework component.

**Duration of study:** one year full-time

## POSTGRADUATE CERTIFICATE OR DIPLOMA

A postgraduate certificate or diploma provides an opportunity to undertake advanced study that will strengthen and deepen your knowledge in a particular discipline or profession. Completion of the qualification gives graduates access to a related master's degree programme. The programmes consist mainly of coursework modules and may include conducting and reporting research under supervision.

**Duration of study:** one year full-time

## MASTER'S DEGREE

A master's degree may be earned in one of two ways: (i) by completing a single advanced research project, culminating in the production and acceptance of a dissertation, or (ii) by successfully completing a coursework programme and a smaller applied research component. The admission requirement is a relevant honours degree. Professional or advanced career-focused bachelor's degrees, such as BEng, BPharm, BCur, BPsych and BTech, may also be recognised as the minimum entry requirement to a related master's degree programme.

**Duration of study:** Coursework master's degree: one year full-time.  
Research master's degree: one year to 4 years.

## DOCTORAL DEGREE

A doctoral degree requires a candidate to undertake research at the most advanced academic level, culminating in the production of a thesis. The research outcome has to make a significant and original academic contribution to a discipline or field. The degree may be earned through pure discipline based or multi-disciplinary or applied research. The degree may include a coursework component as preparation to the research, but does not contribute to the credit value of the qualification.

**Duration of Study:** 2 to 6 years



# GUIDELINES FOR ADMISSION

All International research Master's and Doctoral students may be required to spend at least nine months of their period of study on the campus. Applicants can also be required to spend three weeks on-campus to finalise research proposals before final admission.

The South African Higher Education system operates mostly as a 3-1-1-2 system. This means the following: an undergraduate bachelor of three years or a four year professional qualification followed by, in most cases, a one year postgraduate programme referred to as an Honours degree. This specialist-taught programme is required for entrance to a Master's programme. Most research Master's programmes have a one year minimum duration followed by a two year minimum registration for a Doctoral programme.

Admission to all these programmes are based on academic excellence in previous studies. Applications from applicants that acquired an average mark of 60% or higher in their previous qualification, will be considered for admission. Admission to any programme is also determined by the capacity to supervise a postgraduate research topic. Prospective applicants are thus required to provide, along with their application, a complete academic transcript of previous studies, and all other relevant documentation that will assist the University to make an informed admissions decision.

Applicants that consider the submission of an application for a research Master's qualification or an application for Doctoral studies should also submit a study proposal that includes a comprehensive description of the

field of study as well as a description of the study topic. Applicants should also include the application fee with the application. Detailed admissions criteria for all the different qualifications offered at postgraduate level are provided in the University prospectus. Applicants considering Honours and coursework Master's programmes should apply during the dates prescribed for postgraduate students.



## LANGUAGE REQUIREMENT

The medium of instruction and examination at the Nelson Mandela University is English.

- IELTS – 6.5 overall score with a minimum of 6 in each section.
- TOEFL: PBT – 570 overall (obtained within 3 years before application) with minimums of 53 in listening, 52 in reading and 59 in structure/written
- CBT – 230 overall with minimums of 19 in listening, 19 in reading and 25 in structure/written
- IBT – 90 overall with minimums of 18 in listening, 17 in reading 22 in writing and 19 in speaking

## ADMISSION AND REGISTRATION PROCEDURES FOR RESEARCH MASTER'S AND DOCTORAL DEGREES

A general postgraduate application form can be obtained from the Office for International Education or be downloaded from the website.

Apart from the general admission requirements, a candidate may be required to fulfil further requirements, e.g. supplementary work or an oral/ written examination.

Where applicable, a candidate must submit a research proposal for approval by the Faculty Research, Technology and Innovation Committee within the prescribed minimum period. Once such approval has been obtained, an official research project is registered by the Faculty.

If the candidate complies with these admissions criteria, various processes will be undertaken to assign the candidate an appropriate supervisor or promoter.

## HOW DO YOU APPLY?

Manual application forms can be downloaded from the website: <http://international.mandela.ac.za/Application-and-Admissions> or obtained by Email: [international@mandela.ac.za](mailto:international@mandela.ac.za)

Before completing the application form, please take note of the minimum admission requirements for the programme of your choice.

Please remember to submit the following documents with online and manual applications:

- Certified degree certificate
- Full academic transcript/record of courses completed
- A certificate of conduct
- Certified copy of passport
- A one page research proposal outlining your intended research
- Curriculum vitae
- A photograph
- Proof of payment of the non-refundable application fee of R500

## APPLICATIONS DEADLINES:

- First semester (January): **31 October** (All Hons / PGDip / Coursework Master programmes)

Applications for research Master and PHD programmes will be accepted and processed after 31 October however there will be a delay in the outcome and you may only receive confirmation the following year as the University shuts down for the December break. Certain programmes have earlier application deadlines.

Please enquire at [international@mandela.ac.za](mailto:international@mandela.ac.za) in order to confirm the application date for your programme.







FACULTY OF **ARTS**

## FACULTY OF ARTS

### FACULTY RESEARCH THEMES:

- Media, Communication and Culture discourses in a developmental context
- Democracy and Service Delivery within a developmental context
- Creating Space and Place for people in South Africa's developing urban regions
- Identity and Marginality in South African literature
- Conflict and Transformation in Africa
- Transculturality in Music, Art and Design
- Creative Practice
- Political Ideologies and Thought, African Socio-Political Development, and International Relations: Theory and Practice
- Study and prevention of violence
- Issues related to Fatherhood

### RESEARCH UNIT:

- Raymond Mhlaba Research Unit for Public Administration and Leadership.

# SCHOOL OF ARCHITECTURE

## DEPARTMENT OF ARCHITECTURE

### MASTER'S:

Master of Architecture (Professional) - Coursework and Research

Master of Architecture (Research)

### DOCTORAL:

Doctor of Philosophy in Architecture

# SCHOOL OF GOVERNMENTAL AND SOCIAL SCIENCES

## DEPARTMENT OF POLITICAL & GOVERNMENTAL STUDIES

### HONOURS:

BA Honours in Public Administration

BA Honours in Sociology

### MASTER'S:

Master of Arts General - Research

Master of Arts in Conflict Transformation and Management - Research

Master of Arts in Conflict Transformation and Management - Coursework and Research

Master of Public Administration - Research

Master of Public Administration - Coursework and Research

Master of Arts in Political Studies - Research

### DOCTORAL:

Doctor of Philosophy in Conflict Management

Doctor of Philosophy in Political Studies

Doctor of Philosophy in Public Administration

## DEPARTMENT OF SOCIOLOGY & ANTHROPOLOGY (Incorporating History)

### HONOURS:

BA Honours Anthropology

BA Honours History

### MASTER'S:

Master's in Anthropology - Research

Master's in History - Research

Master's in Sociology - Coursework & Research

Master's in Sociology - Research

### DOCTORAL:

Doctor of Philosophy in Anthropology

Doctor of Philosophy in History

Doctor of Philosophy in Sociology

# SCHOOL OF LANGUAGE, MEDIA AND CULTURE

## DEPARTMENT OF APPLIED LANGUAGE STUDIES

### HONOURS:

BAHons Applied Languages

### MASTER'S:

MA (Applied Language Studies) – Research

## DEPARTMENT OF JOURNALISM, MEDIA & PHILOSOPHY

### HONOURS:

BA Honours Philosophy

BA Honours Media Studies

### MASTER'S:

MA in Media Studies: Research

MA in Philosophy: Research

MA in Creative Media Production: Research

### DOCTORAL:

Doctor of Philosophy in in Media Studies

Doctor of Philosophy in in Philosophy

## DEPARTMENT OF LANGUAGE AND LITERATURE

### MASTER'S:

MA in English - Research

## DEPARTMENT OF PUBLIC RELATIONS & COMMUNICATION STUDIES

### HONOURS:

BA Honours in Corporate Communication

### MASTER'S:

MA in Media Studies - Research

MA in Public Relations Management - Research

### DOCTORAL:

Doctor of Philosophy in in Media Studies

Doctor of Literature (Applied Languages)

# SCHOOL OF MUSIC, ART AND DESIGN

## DEPARTMENT OF APPLIED DESIGN

### MASTER'S:

Master of Arts (Fashion) Research

Master of Arts (Graphic Design) Research

Master of Arts (Photography) Research

Master of Arts (Textile Design) Research

Master of Arts (Fine Art) Research

## DEPARTMENT OF MUSIC

### MASTER'S:

Master of Music (Applied Choral Conducting): Coursework and Research

Master of Music (Composition): Coursework and Research

Master of Music (Performing Arts): Coursework and Research

Master of Music - Research

### DOCTORAL:

Doctor of Music - Research

Doctor of Philosophy in Music



FACULTY OF **BUSINESS** AND  
ECONOMIC SCIENCES

## FACULTY OF BUSINESS AND ECONOMIC SCIENCES

### **FACULTY RESEARCH THEMES:**

- Leadership, Governance and Ethics
- SMME, Entrepreneurship and Local Economic Development

### **CROSS - FACULTY RESEARCH THEMES:**

- Regional Economic Development
- Leadership, Governance and Ethics

### **RESEARCH UNITS:**

- Family Business Unit
- Unit for Positive Organisations
- Unit for Economic Development and Tourism

# SCHOOL OF MANAGEMENT SCIENCES

## DEPARTMENT OF BUSINESS MANAGEMENT

### POSTGRADUATE DIPLOMA:

Postgraduate Diploma in Financial Planning

### HONOURS:

BA Honours Business Management

BCom Honours Business Management

### MASTER'S:

MCom Business Management - Research

### DOCTORAL:

PhD Business Management

## DEPARTMENT OF MARKETING MANAGEMENT

### MASTER'S:

MCom Marketing - Research

### DOCTORAL:

PhD Marketing

## DEPARTMENT OF MANAGEMENT PRACTICE

### MASTER'S:

MCom in Entrepreneurship - Research

MCom in Logistics – Research

### DOCTORAL:

DPhil in Logistics

DTech Logistics

# BUSINESS SCHOOL

The mission of Nelson Mandela University Business School is to create holistic leaders who respond, interpret, transform and contribute to sustainable development through relevant research, learning and engagement.

### POSTGRADUATE DIPLOMA:

Post-graduate Diploma in Business Administration (PDBA)

### MASTER'S:

Master of Business Administration (MBA) presented in a part-time format

### DOCTORAL:

Doctorate in Business Administration (DBA)



# SCHOOL OF ACCOUNTING

## DEPARTMENT OF APPLIED ACCOUNTING

### POSTGRADUATE DIPLOMA:

Postgraduate Diploma: Internal Auditing

## DEPARTMENT OF ACCOUNTING SCIENCES

### POSTGRADUATE DIPLOMA:

Postgraduate Diploma in Accountancy

*This is a programme accredited by the SA Institute of Chartered Accountants (SAICA) and aligned to the professional stage of the ACCA. Previously BCom Honours in Accounting [accredited by the SAICA enabling graduates to write Part 1 (ITC) examination of the CA(SA) Qualifying Examinations.*

### MASTER'S:

MCom in Taxation – Coursework & Research

MCom in Accounting – Research

### DOCTORAL:

PhD in Accounting

# SCHOOL OF ECONOMICS, DEVELOPMENT AND TOURISM

## DEPARTMENT OF ECONOMICS

### POSTGRADUATE DIPLOMA:

Postgraduate Diploma in Applied Economics

### HONOURS:

BA Honours in Economics

BCom Honours in Economics

### MASTER'S:

MCom in Economics – Research

MCom in Economics – Coursework

### DOCTORAL:

PhD in Economics

## DEPARTMENT OF DEVELOPMENT STUDIES

### POSTGRADUATE DIPLOMA:

Postgraduate Diploma in Maritime Studies

### HONOURS:

BA Honours Development Studies

### MASTER'S:

Master of Development Studies - Coursework

Master of Development Studies - Research

MPhil in Development Finance - Coursework

### DOCTORAL:

PhD in Development Studies

PhD in Development Finance

## DEPARTMENT OF TOURISM MANAGEMENT

### HONOURS:

BCom Honours in Tourism Management

### MASTER'S:

MCom in Tourism Management - Research

MPhil in Tourism Management - Research

### DOCTORAL:

PhD in Tourism Management



# SCHOOL OF INDUSTRIAL PSYCHOLOGY AND HUMAN RESOURCES

## DEPARTMENT OF INDUSTRIAL AND ORGANISATIONAL PSYCHOLOGY

### HONOURS:

BA Honours in Industrial and Organisational Psychology

BA Honours in Labour Relations and Human Resources

BCom Honours in Industrial and Organisational Psychology

BCom Honours in Labour Relations and Human Resources

### MASTER'S:

MA in Industrial and Organisational Psychology - Research

MCom Industrial Psychology - Research

MCom Industrial and Organisational Psychology - Coursework & Research

MCom Human Resource Management - Research

MA in Labour Relations and Human Resources - Research

MA in Labour Relations and Human Resources - Coursework

MCom Labour Relations and Human Resources - Research

### DOCTORAL:

PhD Labour Relations and Human Resource Management

PhD Industrial Psychology

PhD Human Resource Management

DTech Human Resource Management







FACULTY OF **EDUCATION**

## FACULTY OF EDUCATION

### FACULTY RESEARCH THEMES:

- Educational leadership
- Language in Education
- Science, Mathematics and Technology Education
- Social Justice
- Teaching and Learning

# SCHOOL FOR EDUCATION RESEARCH AND ENGAGEMENT (SERE)

MASTER'S:

MEd in Education: Research

DOCTORAL:

PhD in Education







FACULTY OF **ENGINEERING,**  
THE BUILT ENVIRONMENT AND  
INFORMATION TECHNOLOGY

## FACULTY OF ENGINEERING, THE BUILT ENVIRONMENT AND INFORMATION TECHNOLOGY

### RESEARCH CENTRES:

- eNtsa – Engagement Institute
- Renewable Energy Research Group
- ISUZU Chair in Mechatronics
- Centre for Research in Information and Cyber Security (CRICS)

World class research is conducted in this Faculty with areas of specialisation including Materials Engineering focusing on Friction Processing (FP) for material joining and laser forming; Automotive and related manufacturing including automation (mechatronics); Management and Economics for the Built Environment, including Human Settlement Development; and Information Security, Health Informatics and Mobile Computing.

### ENGAGEMENT AND EDUCATION ENTITIES:

- Southern African Cisco Support Centre
- eNtsa
- Merseta Chair in Engineering Development
- Chair for Education in Human Settlement Development and Management (CEHSDM)
- Centre for Community Technologies (CCT)
- STEM in Action
- Women in Engineering Leadership Association (WELA)
- Advanced Mechatronics Technology Centre (AMTC)



# SCHOOL OF ENGINEERING

## DEPARTMENT OF CIVIL ENGINEERING

### MASTER'S:

MEng in Civil Engineering - Research

## DEPARTMENT OF ELECTRICAL ENGINEERING

### MASTER'S:

MEng in Electrical Engineering - Research

### DOCTORAL:

Doctor of Engineering

## DEPARTMENT OF INDUSTRIAL ENGINEERING

### MASTER'S:

MEng in Industrial Engineering - Research

Master of Operations Management - Research

### DOCTORAL:

DPhil in Operations Management

## DEPARTMENT OF MECHANICAL ENGINEERING

### MASTER'S:

MEng in Mechanical Engineering - Research

### DOCTORAL:

PhD in Engineering: Mechanical

## DEPARTMENT OF MECHATRONICS

### MASTER'S:

MEng in Mechatronics - Research

### DOCTORAL:

PhD in Engineering: Mechatronics

DTech Electrical Engineering

DTech Mechanical Engineering

DTech Operations Management

# SCHOOL OF THE BUILT ENVIRONMENT

## DEPARTMENT OF CONSTRUCTION MANAGEMENT

### HONOURS:

BSc Honours in Construction Management

### MASTER'S:

MSc in Construction Management - Research

MSc in the Built Environment: Construction Management

MSc in the Built Environment: Facilities Management

MSc in the Built Environment: Project Management

MSc in the Built Environment: Property Economics and Valuation

MSc in the Built Environment: Construction Health & Safety Management

### DOCTORAL:

PhD in Construction Management

## DEPARTMENT OF QUANTITY SURVEYING

### HONOURS:

BSc Honours in Quantity Surveying

### MASTER'S:

MSc in Construction Economics - Research

### DOCTORAL:

PhD in Construction Economics

PhD in Construction Management

# SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

MASTER'S:

Master of Information Technology - Research

MPhil in Information Technology Governance - Coursework & Research

DOCTORAL:

PhD in Information Technology





FACULTY OF **HEALTH SCIENCE**

# FACULTY OF HEALTH SCIENCE

## FACULTY RESEARCH THEMES:

- Health and wellbeing

### MEDICAL LABORATORY SCIENCE

#### Natural Medicine (medicinal plants) in relation to

- Antimicrobial activities
- Toxicity screening
- Communicable & lifestyle diseases

## MEDICINAL SCIENCES

### Pharmacy

- Clinical pharmacy and optimization of the pharmacy practice
- Role of the pharmacy
- Drug delivery system – explore Invivo
- Corporatization and pharmacy
- Pharmacy Education – specialization
- Professional identification
- Inter-professional Education

## LIFESTYLE SCIENCES

### Human Movement Science

#### Health and maintenance of sustainable livelihood

- **Research group name/theme 1:** Perceptual movement analysis of human behaviour (includes both motor control and biomechanics for both performance optimization and rehabilitation)
- **Sub-theme 1:** Perceptual motor learning and performance (which includes neuro- cognitive aspects and motor development)
- **Sub-theme 2:** Coordination/movement dynamics or neuro-mechanics
- **Research group name/theme 2:** Health promotion and prevention of chronic diseases of lifestyle
- **Sub-theme1:** Physical interventions for the promotion and maintenance of health and fitness (pre-school, children, adolescents, adults, teachers & senior citizens) (including cardiovascular/metabolic health risk markers, constraints / barriers to sport participation (Leisure Sciences)
- **Sub-theme 2:** Physical interventions for the management of chronic diseases of lifestyle (including cardio-vascular disease, PAD, Parkinson's disease, DM, and other neurological disease states)
- **Sub-theme 3:** Rehabilitation (orthopaedic) and pre-habitation (pre-surgical interventions)
- **Research group 3:** Sports management

- **Sub-theme 1:** Sport and tourism (including profitability of sport enterprises and online marketing for sport businesses)
- **Sub-theme 2:** Sport and the environment (including: sustainability in football, combination of feasible planning, innovative techniques, strategies and long-term vision in sport; public policy on communication campaigns on eco-energy for sustainability)

### **Dietetics**

- Malnutrition in hospitals
- Obesity in children and adults
- Lifestyle of shift workers
- Role of the traditional dietary pattern
- Nutrition behaviour of students
- Another theme: Nutrition during early childhood development
- Within this theme: Hygiene and safety in food provision during ECD
- Growth monitoring and promotion

### **Nursing**

- Improving nursing capacity care practice in high acuity units (Evidence based nursing care)
- Using technology to improve patient outcomes in various health care settings
- Realistic use of high complexity teaching methodologies in the context of a developing country
- Mental health: access to and quality of services (depression/suicide)

### **Radiography**

- PACS Administration
- Challenges of the newly qualified radiographer
- Importance of film evaluation in plain radiography

### **Emergency Medical Care**

- Pre-hospital reperfusion therapy
- Pre-hospital pain management

## **HEALTH & WELFARE MANAGEMENT**

### **Psychology**

- Relational psychology
- Cyber psychology
- Trauma (PTSD)
- Professional development/Systems research
- Lifespan development

### **Social Development Professions**

- Student well-being and student development
- Coping and resilience amongst individuals, families and communities
- Evidence-based practice (meso, micro, macro)

## **ENVIRONMENTAL HEALTH**

### **Research theme:**

- Prevention and control of environmentally induced population diseases

### **Research sub-theme:**

- Promoting healthy and sustainable living, working and recreational environment

### **Research focus areas:**

- Environmental pollution management
- Children environmental health
- Disaster management, and water quality management
- Risk identification, assessment and management
- Vector control and epidemiology
- Nanotechnology and environmental Health

# FACULTY PROGRAMMES:

## DEPARTMENT OF MEDICAL LABORATORY SCIENCES

### MASTER'S:

Master of Health Sciences in Medical Laboratory Science - Research

## DEPARTMENT OF PHARMACY

### MASTER'S:

MPharm Industrial Pharmacy – Coursework and Research

MPharm – Research

MSc in General Health Sciences - Research

### DOCTORAL:

DPhil in General Health Sciences

DPhil Medical Laboratory Sciences

## DEPARTMENT OF SOCIAL DEVELOPMENT PROFESSIONS

### MASTER'S:

MA in Social Work in Clinical Social Work – Coursework and Research

MA in Social Work - Research

### DOCTORAL:

DPhil (Social Development Professions)

## DEPARTMENT OF PSYCHOLOGY

### HONOURS:

BAHons in Psychology

### MASTER'S:

Master of Arts in Psychology - Research

Master of Arts in Clinical Psychology - Coursework & Research

Master of Arts in Counselling Psychology - Coursework & Research

### DOCTORAL:

DPhil Psychology

## DEPARTMENT OF DIETETICS

### MASTER'S:

MSc Dietetics – Research

MSc Food Nutrition & Wellness Studies – Research

## DEPARTMENT OF HUMAN MOVEMENT SCIENCE

### HONOURS:

BAHons in Human Movement Science Honors in Coaching Science

BAHons in Human Movement Science (Sport Science)

### MASTER'S:

MA in Human Movement Science: Research

### DOCTORAL:

DPhil Human Movement Science

DPhil Food Nutrition & Wellness

## DEPARTMENT OF NURSING SCIENCE

### HONOURS:

BCurHons in Advanced General Nursing Science

BCurHons in Advanced Midwifery and Neonatal Nursing Science

BCurHons in Advanced Primary Health Care

BCurHons in Advanced Psychiatric Nursing Science

### MASTER'S:

MCur - Research

MCur in Advanced General Nursing Science - Coursework and Research

MCur in Advanced Midwifery and Neonatal Nursing Science – Coursework and Research

MCur in Advanced Primary Health Care - Coursework and Research

MCur in Advanced Nursing Education - Coursework and Research

MCur in Advanced Psychiatric Nursing Science - Coursework

### DOCTORAL:

DPhil Nursing



FACULTY OF LAW



## FACULTY OF LAW

### FACULTY RESEARCH THEMES:

- Social Justice and Democracy
- Ocean and Coastal Sciences
- Engagement Entity:
- Labour and Social Security Law Unit



# FACULTY PROGRAMMES:

## POSTGRADUATE DIPLOMAS:

PGDip Criminal Justice

PGDip Labour Law

## MASTER'S:

LLM in Criminal Justice – Coursework and Research

LLM in Labour Law – Coursework and Research

LLM in Private Law - Research

LLM in Public Law - Research

LLM in Mercantile Law - Research

LLM - Coursework and Research

LLM in Taxation – Coursework and Research

## DOCTORAL:

LLD in Mercantile Law

LLD in Private Law

LLD in Public Law





FACULTY OF **SCIENCE**



## FACULTY OF SCIENCE

### FACULTY RESEARCH THEMES:

- Renewable energy for the Future
- Sustainable environmental and Natural Resource Management
- Advanced Characterisation of Materials and Biological Systems
- Science, Maths and Technology Education for a Changing World
- Computing Solutions
- Analytical Science
- Disease Mechanisms and Novel Treatments
- Abstract Algebra

### RESEARCH INSTITUTE:

- InnoVenton: Institute for Chemical Technology and Downstream Chemical Technology Station and its sub-entities

### RESEARCH CENTRES:

- Telkom Centre of Excellence and its sub-entities.
- Centre for African Conservation Ecology.
- Centre for Energy Research.
- Centre of Expertise in Forecasting.
- Centre for HRTEM (Centre for High Resolution Transmission Electron Microscopy)
- Centre for Rubber Science and Technology (CRST, under the directorship of Dr Percy Hlangothi in the Chemistry Department).
- Centre for Broadband Communication (CBC)
- African Centre for Coastal Palaeoscience

### RESEARCH INSTITUTE:

- Integrated Environmental and Coastal Management Unit

# SCHOOL OF BIOMOLECULAR AND CHEMICAL SCIENCES

## SCHOOL OF BIOMOLECULAR AND CHEMICAL SCIENCES

### HONOURS:

BScHons in Biochemistry

BScHons in Formulation Science

BScHons in Microbiology

BScHons in Chemistry

### MASTER'S:

MSc in Biochemistry - Research

MSc in Chemistry - Research

MSc in Industrial Chemistry - Research

MSc in Microbiology - Research

MSc in Nanoscience: Coursework and Research

### DOCTORAL:

DPhil in Biochemistry

DPhil in Chemistry

DPhil in Microbiology

# SCHOOL OF COMPUTER SCIENCE, MATHEMATICS, PHYSICS AND STATISTICS

## SCHOOL OF COMPUTER SCIENCE, MATHEMATICS, PHYSICS AND STATISTICS

### HONOURS:

BComHons Information Systems and Accounting

BComHons Information Systems and Auditing

BComHons Information Systems and Business Management

BComHons in Computer Science and Information Systems

BComHons Mathematical Statistics

BScHons in Applied Mathematics

BScHons in Computer Science and Information Systems

BScHons in Mathematical Statistics

BScHons in Mathematics

BScHons in Physics

BScHons in Physiology

### MASTER'S:

MCom in Computer Science and Information Systems - Research

MCom in Statistics - Research

MSc in Applied Mathematics - Research

MSc in Computer Science and Information Systems - Research

MSc in Mathematical Statistics - Research

MSc in Mathematics - Research

MSc in Physics - Research

### DOCTORAL:

DPhil in Computer Science

DPhil in Mathematical Statistics

DPhil in Mathematics

DPhil in Physics

DPhil Applied Mathematics

DPhil Information Systems

# SCHOOL OF ENVIRONMENTAL SCIENCES

## SCHOOL OF ENVIRONMENTAL SCIENCES

### HONOURS:

BScHons in Environmental Geography

BScHons in Geographical Information Systems

BScHons in Geology

BScHons in Zoology

BScHons in Botany

### MASTER'S:

MSc in Biological Oceanography - Research

MSc in Chemical & Physical Oceanography - Research

MSc in Agriculture - Research

MSc in Game Ranch Management

MSc in Botany - Research

MSc in Geography - Research

MSc in Zoology - Research

MSc in Geology - Research

### DOCTORAL:

DPhil Agriculture

DPhil in Botany

DPhil in Geology

DPhil in Zoology

DPhil in Geography

DPhil Oceanography





## GEORGE CAMPUS

### FACULTY RESEARCH THEMES:

- Sustainable exploration and management of natural resources for the green economy

### RESEARCH UNIT:

- Sustainability Research Unit

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## SCHOOL OF NATURAL RESOURCE MANAGEMENT

#### MASTER'S:

MSc in Agriculture - Research

MSc in Forestry

MSc in Water Conservation

#### DOCTORAL:

DPhil in Nature Conservation

NELSON MANDELA  
UNIVERSITY

PORT ELIZABETH & GEORGE, SOUTH AFRICA

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