



**WALTER SISULU UNIVERSITY**

# 2024 Postgraduate and Senior Student

Information Brochure & Admission Requirements



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**BUFFALO CITY CAMPUS****FACULTY OF ENGINEERING, BUILT ENVIRONMENT & INFORMATION TECHNOLOGY****ADVANCED DIPLOMA QUALIFICATIONS OFFERED IN THE FACULTY**

Qual Code	SAQA ID	Qualification Name	NQF	Credits	Duration	Delivery Site
W60017	101172	Advanced Diploma in Civil Engineering	7	140	1 year	BCC
W60018	101173	Advanced Diploma in Electrical Engineering	7	140	1 year	BCC
W60019	101174	Advanced Diploma in Mechanical Engineering	7	140	1 year	BCC
W60020	101177	Advanced Diploma in Information and Communication Technology in Applications Development	7	120	1 year	BCC
W60021	101178	Advanced Diploma in Information and Communication Technology in Communication Networks	7	120	1 year	BCC

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Advanced Diploma in Civil Engineering W60017	<p>NQF Level 6 qualification with 360 credits in a cognate discipline with an achievement of not less than 60% (average) in the level III courses:</p> <p>Any applicant who has not achieved the required 60% but has acquired two years of relevant experience will have her/his application reviewed by a panel to determine whether she/he can be admitted or not.</p>	The qualification equips graduates with the necessary knowledge, understanding, abilities and skills required for further learning towards becoming competent practicing Civil Engineering Technologists.
Advanced Diploma in Electrical Engineering W60018	<p>NQF Level 6 qualification with 360 credits in a cognate discipline with an achievement of not less than 60% (average) for the programme.</p> <p>Any applicant who has not achieved the required 60% but has acquired two years of relevant experience will have her/his application reviewed by a panel to determine whether she/he can be admitted or not.</p>	The purpose of the Advanced Diploma in Electrical Engineering is to train technologists who will meet the criteria for registration as Candidate Technologists set by the Engineering Council of South Africa (ECSA), and who will display competence as part of the engineering team in the execution of technical tasks under remote supervision by using and applying their knowledge in independent judgment in the identification and solution of broadly defined Electrical engineering problems.

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Advanced Diploma in Mechanical Engineering W60019	<p>NQF Level 6 qualification with 360 credits in a cognate discipline with an achievement of not less than 60% (average) for the programme with a pass in the following subjects:</p> <ol style="list-style-type: none"> <li>1. Applied Strength of Materials III</li> <li>2. Steam Plant III</li> <li>3. Hydraulic Machines III</li> <li>4. Mathematics III</li> </ol> <p>Any applicant who has not achieved the required 60% but has acquired two years of relevant experience will have her/his application reviewed by a panel to determine whether she/he can be admitted or not.</p>	<p>The purpose of this qualification is to train mechanical engineering technicians who will meet the criteria for registration as Candidate Engineering Technicians by the Engineering Council of South Africa (ECSA), and who will display competence as part of the engineering team in the execution of technical tasks under remote supervision by using and applying their knowledge in independent judgement in the identification and solution of well-defined Mechanical Engineering problems.</p>
Advanced Diploma in Information and Communication Technology in Applications Development W60020	<p>NQF Level 6 qualification with 360 credits in Information and Communication Technology majoring in Applications Development or in a cognate discipline with an achievement of not less than 60% for the majors.</p> <p>Any applicant who has not achieved the required 60% but has acquired two years of relevant experience may be considered for admission to this qualification.</p>	<p>The purpose of this qualification is to provide a professional and vocational qualification for the Information and Communication Technology (ICT) industry, and to enable a graduate (diplomate) to apply advanced design, development, implementation and maintenance strategies and techniques in the development of software products and systems to meet specified industry needs, and effectively manage and administer them in a reliable and cost-effective manner.</p>
Advanced Diploma in Information and Communication Technology in Communication Networks W60021	<p>NQF Level 6 qualification with 360 credits in Information and Communication Technology majoring in Communication Networks or in a cognate discipline with an achievement of not less than 60% for the majors.</p> <p>Any applicant who has not achieved the required 60% but has acquired two years of relevant experience may be considered for admission to this qualification.</p>	<p>The purpose of this qualification is to provide a professional and vocational qualification for the Information and Communication Technology (ICT) industry, and to enable a graduate (diplomate) to apply advanced design, development, implementation and maintenance strategies and techniques in the development and deployment of communication network systems, by integrating current network topologies and protocols to create an appropriate and adequate environment of communication and information sharing environment to meet specified industry needs and effectively manage and administer them in a reliable and cost effective manner.</p>

**BUTTERWORTH CAMPUS****FACULTY OF MANAGEMENT & PUBLIC ADMINISTRATION SCIENCES****ADVANCED DIPLOMA & POST-GRADUATE QUALIFICATIONS OFFERED IN THE FACULTY**

Qual Code	SAQA ID	Qualification Name	NQF	Credits	Duration	Delivery Site
W61021	101201	Advanced Diploma in Business Administration	7	120	1	BTW
W61022	101199	Advanced Diploma in Human Resources Management	7	120	1	BTW/KOM
W61023	101206	Advanced Diploma in Journalism	7	120	1	BCC
W61024	101200	Advanced Diploma in Management	7	120	1	BTW
W61025	97036	Advanced Diploma in Marketing	7	120	1	BTW
W61026	101208	Advanced Diploma in Public Management	7	120	1	BTW/KOM
W61027	101180	Advanced Diploma in Public Relations Management	7	120	1	BTW
W61028	115933	Advanced Diploma in Tourism Management	7	120	1	BTW
W61030	80846	Bachelor of Administration Honours	8	120	1	BTW
W61031	99557	Master of Public Administration	9	180	1	BTW

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Advanced Diploma in Business Administration W61021	NQF Level 6 qualification with 360 credits in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	This qualification provides students with the knowledge and skills they need to succeed in business management roles, covering the fundamental areas of business management, such as economics, marketing, project management, and financial management. It emphasises organisational efficacy, which is the ability of an organisation to achieve its goals.
Advanced Diploma in Human Resources Management W61022	NQF Level 6 qualification with 360 credits in a cognate discipline with the achievement of not less than 60% for the majors (Human Resources Management 3, Labour Relations 2 and Human Resources Development 2) and an average of 60% for the qualification.	This qualification provides students with the skills and knowledge they need to advance their careers in human resources. It covers a wide range of topics, including human resource planning and development, recruitment and selection, performance management, compensation and benefits, employee relations, labour law, occupational health and safety, and diversity and inclusion.
Advanced Diploma in Journalism	NQF Level 6 qualification with 360 credits in a cognate discipline with the achievement of not less	This qualification focuses on gathering, assessing and presenting news and information through print, electronic and social media platforms. It exposes

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
W61023	than 60% for the majors and an average of 60% for the qualification.	students to advanced industry-specific methods using state-of-the-art equipment (photographic and video cameras, the latest computer programmes and computer laboratories).
Advanced Diploma in Management W61024	NQF Level 6 qualification with 360 credits in a cognate discipline with achievement not less than 60% for the majors (Management 3) and an average mark of 60% for the qualification.	The qualification is designed to prepare graduates with the skills they need to address socioeconomic issues covered in a wide range of topics in the digital age. Graduates of the program will be equipped with the skills they need to solve complex problems, create new businesses, and positively impact the world.
Advanced Diploma in Marketing W61025	NQF Level 6 qualification with 360 credits in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	This qualification is essential for developing the advanced marketing management skills and discipline-specific knowledge critical for economies' growth at all levels. It gives learners the knowledge and skills they need to manage and execute marketing campaigns that promote economic growth effectively.
Advanced Diploma in Public Management W61026	NQF Level 6 qualification with 360 credits in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	This qualification aims to prepare students to direct, improve and manage the institutional structures, resources and functions to effect service delivery in the public sector environment.
Advanced Diploma in Public Relations Management W61027	NQF Level 6 qualification with 360 credits in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	The purpose is to develop the competence and skills to administer and perform Public Relations functions in a global environment using the latest technologies.
Advanced Diploma in Tourism Management W61028	NQF Level 6 qualification in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	The qualifying students will be competent to independently manage and integrate specialist activities within the tourism system.
Bachelor of Administration Honours W61030	NQF Level 7 qualification in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	The purpose is to develop and train post-graduates who are capable of leading extensive governmental and non-governmental administrative transformation, as well as to provide guidance for improved infrastructures and services delivery using the specialised knowledge and skills learned, which will also enable them to operate in all governmental departments and agencies as junior level or senior executive employees.

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Master of Public Administration W61031	NQF Level 8 qualification in a cognate discipline with achievement not less than 60% for the qualification.	This qualification provides comprehensive Public Sector Leadership in all spheres of government. It will enable students successfully to demonstrate abilities and competencies in recognised and niche areas such as public finance and procurement, local government management and finance, public policy making, ethics in the public sector, rural and urban development, effective service delivery, leadership and good governance, programme and project management and research.

**MTHATHA CAMPUS****FACULTY OF ECONOMIC & FINANCIAL SCIENCES****ADVANCED DIPLOMA & POST-GRADUATE QUALIFICATIONS OFFERED IN THE FACULTY**

Qual Code	SAQA ID	Qualification Name	NQF	Credits	Duration	Delivery Site
W63006	101185	Advanced Diploma in Cost and Management Accounting	7	120	1	MTH
W63013	112328	Bachelor of Commerce Honours in Business Management	8	120	1	MTH
W63014	112324	Bachelor of Commerce Honours in Economics	8	120	1	MTH
W63015	80847	Master of Commerce	9	180	1	MTH

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Advanced Diploma in Cost and Management Accounting W63006	NQF Level 6 qualification with 360 credits in a cognate discipline with an achievement of not less than 60% for the majors (Financial Accounting 3 and Cost and Management Accounting 3) and an average mark of 60% for the qualification.	This qualification provides students with the skills and knowledge to perform financial and management accounting functions. It can be used as a foundation for further studies in accounting or as an entry requirement for Post-Graduate Diplomas in Management Accounting.
Bachelor of Commerce Honours in Business Management W63013	NQF Level 7 qualification in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	This qualification equips students with the skills and knowledge they need to succeed in today's digital business world and prepares them for business, management, and consulting careers. It develops students' critical thinking and problem-solving skills and their ability to acquire, organise, analyse, evaluate, and present information.
Bachelor of Commerce Honours in Economics W63014	NQF Level 7 qualification in a cognate discipline with the achievement of not less than 60% for the majors and an average of 60% for the qualification.	This qualification equips students with the skills and knowledge they need to conduct economic research and prepares students for careers in academia, research, and the public sector. It also teaches students how to use their research to inform policy decisions that can help boost the South African economy and the global economy.
Master of Commerce W63015	NQF Level 8 qualification in a cognate discipline with achievement not less than 60% for the qualification.	This qualification prepares students for advanced and specialised professional development in business and advanced business research and management. It provides students with the skills and knowledge they need to conduct independent research, make informed decisions, and improve the efficiency of business management processes.

**MTHATHA CAMPUS****FACULTY OF LAW, HUMANITIES & SOCIAL SCIENCES****ADVANCED DIPLOMAS & POSTGRADUATE QUALIFICATIONS OFFERED IN THE FACULTY**

Qual Code	SAQA ID	Qualification Name	NQF	Credits	Duration	Delivery Site
W66003	101183	Advanced Diploma in Fine Art	7	120	1	BCC
W66024	114802	Bachelor of Arts Honours	8	120	1	MTH
W66025	80191	Bachelor of Social Sciences Honours	8	120	1	MTH
W66026	112035	Master of Arts	9	180	1	MTH
W66027	97755	Master of Laws	9	180	1	MTH
W66028	80206	Master of Social Work	9	180	1	MTH

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Advanced Diploma in Fine Art W66003	NQF Level 6 qualification with 360 credits in a cognate discipline with an achievement of not less than 65% (average) for the programme.  (Applicants from other institutions will be required to present a portfolio of previous work.)	The purpose of this qualification is to equip students with the skills and knowledge to become professionals in the fine art industry together with the requisite entrepreneurial skills needed to succeed
Bachelor of Arts Honours W66024	NQF Level 7 qualification in a cognate discipline with achievement not less than 60% for the majors. Where the applicant falls slightly short of the 60% mark (by no more than 2 marks), and the department is aware of mitigating circumstances, it may motivate to SENATE that such a student be enrolled.	The honours level deepens undergraduate level by offering specialisation in a specific discipline and its research methods. The student must be able to engage many sources of knowledge and choose from a multiplicity of methodologies, the most relevant one. The knowledge gained must be at this level.
Bachelor of Social Sciences Honours W66025	NQF Level 7 qualification in a cognate discipline with achievement not less than 60% for the majors. Where the applicant falls slightly short of the 60% mark (by no more than 2 marks), and the department is aware of mitigating circumstances, it may motivate to SENATE that such a student be enrolled.	This qualification deepens undergraduate knowledge and introduces relevant research methods and problem-solving skills. It also fosters working in a multidisciplinary framework. This qualification is research oriented and is designed to cater for a wide range of learners and

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
		professionals working in the private, public and development spheres.
Master of Arts W66026	NQF Level 8 qualification in a cognate discipline with achievement not less than 60% for the qualification.	A Master's degree marks the beginning proper, of a possible trajectory to academia. It is a further deepening of research methods and subject knowledge at a theoretical and also practical level, depending on the discipline and its demands.
Master of Laws W66027	NQF Level 8 qualification in a cognate discipline with achievement not less than 60% for the qualification.	The LL.M marks the beginning of further study to Doctor of Philosophy in Law or career in the legal field or in a non-law field. Judicious selection and synthesis of knowledge is key at this level of study as is a nuanced understanding of legal rules. Students are expected to successfully complete a dissertation to illustrate this competence.
Master of Social Work W66028	NQF Level 8 qualification in a cognate discipline with achievement not less than 60% for the qualification.  (All students who meet the minimum admission requirements for the Master of Social Work programme will be required to undergo an entrance interview, which will further determine eligibility. )	This is a degree by dissertation or research. It builds on the undergraduate work by deepening theory from various disciplines such as Psychology, Education and Sociology. Theories are intervention oriented and aim to empower those who need help so that they can solve the problems they face.

**MTHATHA CAMPUS****FACULTY OF MEDICINE & HEALTH SCIENCES****POSTGRADUATE QUALIFICATIONS OFFERED IN THE FACULTY**

Qual Code	SAQA ID	Qualification Name	NQF	Credits	Duration	Delivery Site
W65007	87512	Postgraduate Diploma in Chemical Pathology	8	120	1	MTH
W65008	87514	Postgraduate Diploma in Health Promotion	8	128	1	MTH
W65009	112309	Bachelor of Medical Science Honours in Medical Microbiology	8	120	1	MTH
W65010	112307	Bachelor of Science Honours in Biochemistry	8	120	1	MTH
W65011	112308	Bachelor of Science Honours in Physiological Sciences	8	120	1	MTH
W65013	112428	Master of Medicine in Anatomical Pathology	9	540	5	MTH
W65014	112405	Master of Medicine in Diagnostic Radiology	9	480	4	MTH
W65015	112344	Master of Medicine in Family Medicine	9	480	4	MTH
W65016	119846	Master of Medicine in Obstetrics and Gynaecology	9	480	4	MTH
W65017	112326	Master of Medicine in Orthopaedic Surgery	9	480	4	MTH
W65018	112330	Master of Medicine in Paediatric Surgery	9	540	5	MTH
W65019	112430	Master of Medicine in Paediatrics and Child Health	9	480	4	MTH
W65020	112331	Master of Medicine in Psychiatry	9	480	4	MTH
W65021	112325	Master of Medicine in Surgery	9	480	4	MTH
W65022	112431	Master of Medicine in Radiation Oncology	9	480	4	MTH
W65024	87509	Master of Public Health	9	180	2	MTH
W65025	112329	Master of Science in Chemical Pathology	9	180	1	MTH
W65026	116192	Master of Science in Health Promotion	9	180	2	MTH
W65027	112406	Master of Science in Medical Biochemistry	9	180	2	MTH
W65028	112423	Master of Science in Medical Microbiology	9	180	2	MTH
W65029	112424	Master of Science in Physiological Sciences	9	180	2	MTH
W65030	87513	Doctor of Philosophy in Health Sciences	10	360	2	MTH

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Postgraduate Diploma in Chemical Pathology W65007	NQF Level 7 qualification in Medical Sciences with an achievement of not less than 60% for the following courses: <ul style="list-style-type: none"> <li>• Physiology</li> <li>• Biochemistry</li> </ul>	This programme provides advanced knowledge in Chemical Pathology to assist in the management and supervised research and to facilitate the learning of others in the Chemical Pathology field. The qualification is a bridge between the basic and the clinical medical sciences.
Postgraduate Diploma in Health Promotion W65008	NQF Level 7 qualification in Health Promotion or in a health-related cognate discipline	The programme aims at equipping students with scholarly principles and the processes of planning, implementing and evaluating health promotion programs in various settings using technology-infused approaches in response to community needs by critically examining the impact of contemporary issues on community public health and further developing systematic skills in partnership working in various professional roles.
Bachelor of Science Honours in Medical Microbiology W65009	NQF Level 7 qualification in Medical Sciences with an achievement of not less than 60% for the following course: <ul style="list-style-type: none"> <li>• Microbiology</li> </ul>	This programme provides advanced knowledge to work as a supervised researcher and to facilitate the learning of others in medical microbiology. In addition, this qualification allows the learners to improve their existing learning skills and knowledge, develop new interests, and improve their prospects for employment.
Bachelor of Science Honours in Biochemistry W65010	NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% for the following course: <ul style="list-style-type: none"> <li>• Biochemistry</li> </ul>	This programme is designed to provide advanced knowledge to work as supervised researcher and to facilitate the learning of others in the field of Medical Biochemistry. The qualification will allow the learners to improve their existing learning skills and knowledge, develop new interests, and improve their prospects for employment.
Bachelor of Science Honours in Physiological Sciences W65011	NQF Level 7 qualification in Medical Sciences with an achievement of not less than 60% for the following courses: <ul style="list-style-type: none"> <li>• Physiology</li> </ul>	This programme provides advanced knowledge to work as a supervised researcher and to facilitate the learning of others in medical physiology. In addition, this qualification allows the learners to improve their existing learning skills and knowledge, develop new interests, and improve their prospects for employment.
Master of Medicine	NQF Level 8 qualification (MBChB) and independent registration with the HPCSA.	These are professional masters' programmes to provide the knowledge and skills required for General Practitioners doctors to

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
W65013- W65022		become specialists in the medical disciplines specified in the programme name.
Master of Public Health W65024	NQF Level 8 qualification in a cognate discipline with an achievement of not less than 60% for the qualification.	The programme will train relevant health professionals to identify the risk factors for diseases, understand the disease indicators and analyse the disease burden. Training includes leadership and management skills related to disease prevention strategies, health services and system planning, healthcare services delivery, management and evaluation of health services and systems, and proposing effective intervention programmes to a public health problem.
Master of Science in Chemical Pathology W65025	NQF Level 8 qualification in Chemical Pathology with an achievement of not less than 60% for the qualification.	The programme provides a more profound knowledge and application of laboratory techniques and management principles to allow designing and executing supervised research projects in Chemical Pathology and to facilitate the learning of the discipline by other health professions, particularly at the undergraduate level.
Master of Science in Health Promotion W65026	NQF Level 8 qualification in a Health Sciences discipline with an achievement of not less than 60% for the qualification.	The programme provides technical knowledge and skills to design disease prevention programs responsive to societal needs, empower people to improve their ability and control over diseases; and improve their health using advanced methods, strategies and principles of public health and research in assessing health and wellbeing of the communities.
Master of Science in Medical Biochemistry W65027	NQF Level 8 qualification in Medical Biochemistry with an achievement of not less than 60% for the qualification.	The programme provides a deeper knowledge and application of instrumentation and principles of laboratory techniques to allow designing and executing supervised research projects in Medical Biochemistry and to facilitate the learning of the discipline by other health professions, particularly at the undergraduate level.
Master of Science in Medical Microbiology W65028	NQF Level 8 qualification in Medical Microbiology with an achievement of not less than 60% for the qualification.	The programme provides a deeper knowledge and application of instrumentation and principles of laboratory techniques to allow designing and executing supervised research projects in Medical Microbiology and to facilitate the learning of the discipline by other health professions, particularly at the undergraduate level.

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Master of Science in Physiological Sciences W65029	NQF Level 8 qualification in Medical Physiology with an achievement of not less than 60% for the qualification.	The programme provides a deeper knowledge and application of instrumentation and principles of laboratory techniques to allow designing and executing supervised research projects in Medical Physiology and to facilitate the learning of the discipline by other health professions, particularly at the undergraduate level.
Doctor of Philosophy in Health Sciences W65030	NQF Level 9 qualification in a Health Science's discipline with an achievement of not less than 60% for the programme.	<p>The doctorate offered by the Faculty provides training for an academic career in Health Sciences. It is based on advanced-level research and a thesis.</p> <p>The programme aims at developing self-directed researchers able to provide innovative solutions for the country's developmental and service needs and contribute to the skills economy to keep up with the rest of the world.</p>

**MTHATHA CAMPUS****FACULTY OF NATURAL SCIENCES****ADVANCED DIPLOMAS & POSTGRADUATE QUALIFICATIONS OFFERED IN THE FACULTY**

Qual Code	SAQA ID	Qualification Name	NQF	Credits	Duration	Delivery Site
W64006	103127	Advanced Diploma in Chemistry	7	120	1	BCC
W64025	101190	Bachelor of Science Honours in Botany	8	120	1	MTH
W64026	101181	Bachelor of Science Honours in Chemistry	8	120	1	MTH
W64027	101192	Bachelor of Science Honours in Computer Science	8	120	1	MTH
W64028	101184	Bachelor of Science Honours in Geography	8	120	1	MTH
W64029	112303	Bachelor of Sciences Honours in Mathematics	8	120	1	MTH
W64030	101182	Bachelor of Science Honours in Physics	8	120	1	MTH
W64031	101203	Bachelor of Science Honours in Zoology	8	120	1	MTH
W64032	101191	Master of Science in Botany	9	180	1	MTH
W64033	101187	Master of Science Chemistry	9	180	1	MTH
W64034	101189	Master of Science in Geography	9	180	1	MTH
W64035	112327	Master of Science in Mathematics	9	180	1	MTH
W64036	101186	Master of Science in Physics	9	180	1	MTH
W64037	101188	Master of Science in Zoology	9	180	1	MTH
W64038	101966	Doctor of Philosophy in Natural Sciences	10	360	2	MTH

QUALIFICATION DETAIL	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Advanced Diploma in Chemistry W64006	NQF Level 6 qualification with 360 credits in a cognate discipline with achievement not less than 60% in the following courses: <ul style="list-style-type: none"> <li>Analytical Chemistry III (Theory)</li> <li>Analytical Chemistry III (Practical)</li> <li>Inorganic Chemistry III</li> <li>Organic Chemistry III</li> <li>Physical Chemistry III</li> </ul> <p>However, candidates with relevant one-year industrial experience and an average of at least 55% in their exit level courses will be considered for admission.</p>	The course is designed to produce graduates who can devise and apply specialised analytical instrumentation, synthesis strategies and relevant management principles in quality control (QC) and research and development (R & D).
Bachelor of Science Hons Botany W64025	Bachelor of Science degree or an NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% average in the major subjects.	The programme trains biotechnologists, plant taxonomists, community developers, researchers as well as estuarine botanists to develop strategies to improve crop production and thereby playing an important role in alleviating poverty.
Bachelor of Science Honours in Chemistry W64026	Bachelor of Science degree or an NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% average in the major subjects.	The Bachelor of Science in Chemistry Honours programme is designed to equip successful students with a solid framework to: <ul style="list-style-type: none"> <li>independently handle both high level post-graduate research in chemistry</li> <li>handle advanced chemical concepts from among the contemporary and emerging discipline areas.</li> </ul>
Bachelor of Science Honours in Computer Science W64027	Bachelor of Science degree or an NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% average in the major subjects.	The program equips students with advanced skills for computer systems and software careers, including algorithms, AI, networks, databases, and web/mobile computing. Successful completion of an Honours year allows for more interesting research and development positions and the opportunity to continue study at the Masters level.
Bachelor of Science Hons Geography W64028	Bachelor of Science degree or an NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% average in the major subjects.	The programme provides generic B.Sc. graduates with specialized knowledge, research skills and applied competence in the field of environmental or earth sciences that will enable them to further develop to be recognized natural scientists in South Africa and beyond.
Bachelor of Science Honours in Mathematics	Bachelor of Science degree or an NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% average in the major subjects.	The programme aims to prepare learners for research-based Postgraduate study. It equips the learners to consolidate and deepen their expertise in Mathematics and to develop their research capacity in the methodology and techniques of Mathematics. It aims to create a future generation of highly skilled graduates in the mathematical sciences field capable of understanding and addressing complex societal challenges. The

QUALIFICATION DETAIL	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
W64029		programme requires that a student takes FOUR courses from the list provided by the department and a Compulsory Research Project. The required minimum total credits is 120.
Bachelor of Science Honours in Physics W64030	Bachelor of Science degree or an NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% average in the major subjects.	B.Sc. in Physics provides graduates with specialized knowledge, research skills and applied competence that will assist them to further develop themselves to be recognized natural scientists in South Africa and beyond. . The programme exposes the leadership positions at all levels of society. Graduates of this qualification will learn both the principles and practical applications of Physics, such as optimal use of electrical and magnetic materials as well as making decisions on choice of materials for practical mechanical applications.
Bachelor of Science Hons Zoology W64031	Bachelor of Science degree or an NQF Level 7 qualification in a cognate discipline with an achievement of not less than 60% average in the major subjects.	The programme provides specialised knowledge, research techniques and applied competence in the field of zoology or animal biology that will further develop graduates to be recognized as natural scientists In addition, they will develop: <ul style="list-style-type: none"> <li>• principles and practical application skills for sustainable management and conservation of natural resources, which will benefit various levels of the South African communities including the private sector, governmental and non-governmental organizations.</li> </ul>
Master of Science Botany W64032	Bachelor of Science Honour's degree or an NQF Level 8 qualification in a cognate discipline with an achievement of not less than 60% for the qualification.	The programme provides students with specialized research knowledge and skills and applied competence in the field of botany or plant sciences that will assist them to further develop to be natural scientists and as part of a vocational training for professional scientists in South Africa and abroad.
Master of Science in Chemistry W64033	Bachelor of Science Honour's degree or an NQF Level 8 qualification in a cognate discipline with an achievement of not less than 60% for the qualification.	The Master of Science in Chemistry programme is designed to equip successful students to: <ul style="list-style-type: none"> <li>• independently handle high level post-graduate research in chemistry</li> <li>• Accurately communicate scientific findings from research work in the form of scientific reports/theses and or scientific journal articles.</li> </ul>
Master of Science Geography W64034	Bachelor of Science Honour's degree or an NQF Level 8 qualification in a cognate discipline with an achievement of not less than 60% for the qualification.	The programme provides Knowledge that will enable Master's graduates to synthesise the already available concepts and to find the best practices in the field of environmental and spatial sciences. The knowledge developed can be used in setting up the national and international environmental agenda.
Master of Science in Mathematics	Bachelor of Science Honour's degree or an NQF Level 8 qualification in a cognate discipline with an	The aim is to allow students to apply the skills they acquired from the Honours programme to address problems and to contribute to sustainable development through

QUALIFICATION DETAIL	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
W64035	achievement of not less than 60% for the qualification.	research. The required minimum total credits for an MSc is 180, which may be accumulated entirely from a dissertation.
Master of Science in Physics W64036	Bachelor of Science Honour's degree or an NQF Level 8 qualification in a cognate discipline with an achievement of not less than 60% for the qualification.	The Master of Science in Physics programme is designed to equip successful students to: <ul style="list-style-type: none"> <li>independently handle high level post-graduate research in Physics</li> </ul> Accurately communicate scientific findings from research work in the form of scientific reports/theses and or scientific journal articles
Master of Science Zoology W64037	Bachelor of Science Honour's degree or an NQF Level 8 qualification in a cognate discipline with an achievement of not less than 60% for the qualification.	Through its multi-disciplinary nature, the MSc qualification provides graduates with: <ul style="list-style-type: none"> <li>specialized knowledge, skills and applied competence in the field of zoology or animal biology that will assist them to further develop to be recognized natural scientists</li> </ul>
Doctor of Philosophy in Natural Science W64038	Master of Science degree or an NQF Level 9 qualification in a cognate discipline with an achievement of not less than 60% for the qualification.	The programme provides highly trained graduates with a holistic view of the value of research in enhancing South Africa's capacity to grow and utilize knowledge for the benefit of its citizens, as well as for the betterment of life beyond its borders.

## KOMANI CAMPUS &amp; MTHATHA CAMPUS

## FACULTY OF EDUCATION

## POSTGRADUATE CERTIFICATES &amp; POSTGRADUATE QUALIFICATIONS OFFERED IN THE FACULTY

Qual Code	SAQA ID	Qualification Name	NQF	Credits	Duration	Delivery Site
W62003	111322	PGCE in Senior Phase & Further Education & Training Phase Teaching (Humanities)	7	120	1	KOM/MTH
W62004	111322	PGCE in Senior Phase & Further Education & Training Phase Teaching (Languages)	7	120	1	KOM/MTH
W62005	111322	PGCE in Senior Phase & Further Education & Training Phase Teaching (Maths, Science & Technology)	7	120	1	KOM/MTH
W62013	80202	Bachelor of Education Honours	8	120	1	KOM/MTH
W62014	117945	Bachelor of Education Honours in Inclusive Education	8	120	1	KOM/MTH
W62015	117065	Postgraduate Diploma in Inclusive Education	8	120	1	KOM/MTH
W62016	80205	Master of Education	9	180	1	MTH
W62017	80195	Doctor of Education	10	360	2	MTH

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Postgraduate Certificate in Education in Senior Phase and Further Education and Training Teaching (Humanities)	NQF level 6 or NQF level 7 qualification in appropriate disciplines, which allow the prospective teacher to specialise in at least two school subjects	The purpose of the qualification is to equip students who want to become qualified classroom teachers of Grades 8 - 12. The qualification accredits the development of professional competence informed by sound knowledge and understanding of the areas of specialisation and educational theory.
Postgraduate Certificate in Education in Senior Phase and Further Education and Training Teaching (Languages)	NQF level 6 or NQF level 7 qualification in appropriate disciplines, which allow the prospective teacher to specialise in at least two school subjects	The purpose of the qualification is to equip students who want to become qualified classroom teachers of Grades 8 - 12. The qualification accredits the development of professional competence informed by sound knowledge and understanding of the areas of specialisation and educational theory.
Postgraduate Certificate in Education in Senior Phase and Further Education and Training Teaching (Sciences)	NQF level 6 or NQF level 7 qualification in appropriate disciplines, which allow the prospective teacher to specialise in at least two school subjects	The purpose of the qualification is to equip students who want to become qualified classroom teachers of Grades 8 - 12. The qualification accredits the development of professional competence informed by sound knowledge and understanding of the areas of specialisation and educational theory.

QUALIFICATION DETAILS	MINIMUM ADMISSION REQUIREMENTS	PROGRAMME OVERVIEW
Bachelor of Education Honours	NQF level 7 qualification in a cognate discipline with an achievement of not less than 60% in the major subjects	Primarily, this qualification provides professional educators and leaders at postgraduate level with a clear understanding of theories and theoretical frameworks, which underwrite education systems. This qualification also develops research capacity and broaden leadership base in the field of education, and training and development.
Postgraduate Diploma in Inclusive Education	NQF level 7 qualification in a cognate discipline with an achievement of not less than 60% in the major subjects	Postgraduate Diploma in Inclusive Education further strengthen educators' knowledge, skills and competence to teach in diverse classrooms, or to develop a new role or practice to support teaching and learning in inclusive environments.
Master of Education	NQF Level 8 qualification in a cognate discipline or Honour's degree with a teaching qualification and average achievement of 60%.	The purpose of the programme is to accredit candidates' capacity to undertake well-founded and independent inquiry in the field of education, training and development, and to provide candidates with advanced professional and academic knowledge in education.
Doctor of Education	NQF Level 9 qualification in a cognate discipline or Master of Education degree with a teaching qualification with an average of 60%.	The programme provides an opportunity for candidates to pursue research on a variety of education-related issues at doctoral level. It is a professional doctoral qualification geared towards professionalising research in education.

[www.wsu.ac.za](http://www.wsu.ac.za)