

# NELSON MANDELA

## UNIVERSITY



## UNDERGRADUATE PROGRAMMES

General Information & Admission Requirements

2021



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*Disclaimer: All reasonable steps have been taken to ensure that the information contained in this guide was correct at the date of publication. All information listed is subject to change and may be updated without prior notification. Nelson Mandela University reserves the right to make changes to the programme details, rules, admission requirements, duration and delivery of courses as published in this guide. Prospective applicants are advised to consult the admissions office, the University website or relevant faculties prior to applying.*

# Welcome



Prof Sibongile Muthwa

The decision you are about to make will have a significant impact on the trajectory of your life path. This is the moment you not only get to decide where you want to study, but most importantly, what you want to study.

Our University is a place that teaches and reflects the values of social justice and equality. It offers what we regard as “breakthrough education”, advancing learning and teaching that will contribute to the improvement of humanity, and which will diminish social exclusion. It is imperative for us to build a university in which all students feel a sense of belonging.

We take particular pride in bearing the iconic name of Nelson Mandela, the late legendary statesman who transformed this country through his unwavering commitment for a more just, healthy and equal society.

As you will see from this guide, Nelson Mandela University offers you an ideal environment and facilities, excellent teaching opportunities, a wide spectrum of beyond-the-classroom activities, and a solid values-driven base on which to pursue your future dreams.

Our main campus in Port Elizabeth is situated on an 840-hectare nature reserve, surrounded by some of the most breathtaking, unspoiled beaches within walking distance of four of our campuses. In the Southern Cape lies our George Campus, located at the foot of the majestic Outeniqua Mountain range, surrounded by indigenous forests and pine plantations.

Our academic and professional programmes range from certificate-level through to research doctorates.

Academic programmes are offered in seven faculties:

- Humanities
- Business & Economic Sciences
- Education
- Engineering, the Built Environment & Technology
- Health Sciences
- Law
- Science

Our University’s qualifications are recognised and accredited by the relevant professional bodies, locally and, in some cases, internationally.

We seek to help students in becoming well-rounded citizens, socially aware on a global scale, and set on their individual path to make a difference and change the world.

We hope to soon welcome you as part of the Nelson Mandela University family.

**Prof Sibongile Muthwa**  
Vice-Chancellor

# About Nelson Mandela University

Nelson Mandela University is the only university in the world that carries the name of Nelson Rolihlahla Mandela. We are committed to providing a welcoming and inspiring environment that is supportive, innovative, diverse and safe. Our students need to feel they are in a place of learning and discovery, founded on strong, egalitarian values that encourage them to express themselves, stretch themselves, and seek new solutions for a better world.

***The University embraces Nelson Mandela's challenge to be "caring, responsible and innovative", and recognises the importance of continuously growing and adapting in the pursuit of knowledge, emancipation and lifelong learning.***

The university boasts more than a century of experience in quality higher education, research and technological innovation. We unite the best traditions of both the academic and technological worlds – from entrance level (certificate) through to research level (PhD).

- We are the largest higher education institution in the Eastern and Southern Cape;
- Over 28 650 students are enrolled on seven different campuses – six in Nelson Mandela Bay (Port Elizabeth), and one in George;
- Programmes are housed within seven faculties (Humanities; Business & Economic Sciences; Education; Engineering, the Built Environment & Technology; Health Sciences; Law and Science), and in some cases, programmes are duplicated on more than one campus;
- The university's George Campus is situated at the foot of the Outeniqua Mountains in the picturesque Southern Cape town of George.

With their spectacular natural surroundings – from beaches to mountains to game reserves – Nelson Mandela Bay and George are ideal places to spend your student years, offering all the advantages of city living in a vibrant and multi-cultural environment.



# Student services

A wide range of student services and support facilities are offered on university campuses to assist you in every aspect of student life – from what to study, to finding suitable employment after graduation. The university offers a variety of social and cultural activities, which means you can have fun while you study. There is an extensive range of sport codes, associations, societies, clubs and facilities, allowing you to make new friends, interact with your fellow students and explore subjects of mutual interest.

Below are some of the various services offered to our students:

## • Library and Information Services

Nelson Mandela University has a network of well-stocked libraries, computer laboratories, and student learning centres which enable students to obtain quality information resources and services required to excel in their various academic courses. These centres are located on all campuses, and also offer students with a quiet space for studying.

## • Campus Health Service

Students have access to a comprehensive primary health care service on every campus, and qualified medical personnel to assist with any health matters which may arise. All services are rendered by registered health care professionals e.g. professional nurses, medical doctors and registered counsellors.

## • Emthonjeni – Fountain of Student Wellness

The centre helps students with career choices, job-seeking skills, and any social, personal or academic problems which they may experience while at University. The centre offers advice in areas such as time management, study methods, personal, social and emotional wellness, as well as career planning and employment readiness.







- **Student Development & Governance (SDG)**

This department contributes towards the holistic development of students. The core functions of this department are the training and development of student leadership, the coordination of student life & events, and supporting student governance structures such as the Student Representative Council (SRC), the Student Housing Council; faculty representatives, the Sports Council, Oppidani and Rag. They also provide students with advice on the various student societies which they could join. There are currently 76 societies which students can join and these are categorised as academic, religious, developmental, social responsibility and political.

- **Arts, Culture & Heritage Unit**

The Arts, Culture & Heritage Unit focuses on the holistic development of students by creating opportunities for their participation in the arts. Arts and Culture provides an environment in which students are able to exercise and develop their need for cultural and artistic expression. You are provided with the opportunity to express your talents by joining a wide range of interactive, cultural and active societies. These societies are diverse and vary from performing arts, dancing, music, drama and choirs.

- **Student Representative Council (SRC)**

The SRC is elected annually in a democratic election to represent the interest of students. The SRC is the only body which the university officially recognises as speaking on behalf of the students.

- **Oppidani (day students)**

Students who do not live in a campus residence are known as Oppidani students. All non-residential Nelson Mandela University students are automatically members of the Oppidani House and are known as Oppies. Although Oppies live off campus, participation in non-academic life is encouraged.

- **Societies**

Students can become a member of numerous student-run societies enabling them to have fun with likeminded students while gaining valuable leadership, communication and social skills. There are presently 76 societies active on our various campuses, and these societies are categorised as either academic, religious, developmental, social responsibility or political.



# Madibaz Sport

Madibaz sport offers a wide variety of competitive and recreational sport programmes for students and staff, as well as the wider university community. These programmes provide students with the opportunity to participate in various sport and recreational activities ranging from informal social games, to highly competitive leagues where skills are tested against the best in the province and country. In addition, through the various high performance programmes coordinated by the Madibaz High Performance Complex, the university plays a major role in the process of developing elite and potentially elite players.

Madibaz sport also provides club members with excellent sport facilities, scientific based coaching programmes, which includes organisational and administrative support. Well-equipped health and fitness centres offer professional gym facilities at student prices, and provide assistance with sport performance testing, sport specific training and injury rehabilitation.



**The following sport codes are offered on the various university campuses:**

Athletics • Adventure Sports • Basketball • Chess • Cricket • Cycling • Football • Golf • Hockey • Judo • Karate • Netball • Rugby • Rowing • Squash • Surfing • Swimming • Table Tennis • Tennis • Underwater-hockey • Volleyball • Water polo.



## **Madibaz**

All teams have nicknames, or names by which they are popularly known. Those who work, study and play sport at Nelson Mandela University proudly refer to themselves as Madibaz. In addition to our name, the university also boasts a dolphin mascot, named Diba.



# Admission to Nelson Mandela University

## Overview

- Applications for early admission should be submitted before the **August** closing date. Late applications will however be considered after this date, based on academic merit, until the **September** closing date. Places are limited and it is therefore in your best interest to submit your application early.
- Prospective students must meet the statutory minimum requirements based on the **National Senior Certificate (NSC)**, or equivalent school-leaving certificate for admission to a higher certificate, diploma or degree qualification, in order to be considered.
- Admission to an undergraduate programme will be further determined by an applicant's **Applicant Score (AS)** and subject requirements.
- Submission of a completed application form does not mean that you have been accepted as a student, or that you may register. All prospective students are selected in accordance with the admissions policy of the university, and applicants will be notified of the outcome of their application by the Student Access and Enrolment Office.
- Provisional admission is based on your **Applicant Score (AS)** obtained in your Grade 11 final, or Grade 12 June or Grade 12 September examinations, and meeting the direct subject requirements. However, the final decision is based on your final Grade 12 NSC/IEB exam results.
- Once you've submitted your form, certain qualifications may require you to submit a portfolio of evidence, or attend an interview. Your admission decision will then only be made once one, or all of these additional requirements have been completed.
- In addition to the general university admission requirements, each programme also has its own specific requirements.



- Applicants with alternate, international or foreign qualifications must satisfy the requirements laid down by the Matriculation Board to qualify for a certificate of exemption for a particular alternate, international or foreign school-leaving qualification. These requirements are contained in Government Gazette No. 31674, 5 December 2008, and can be found on the Universities South Africa (USAF) website [mb.usaf.ac.za/sc-government-gazette-5-december-2008](http://mb.usaf.ac.za/sc-government-gazette-5-december-2008). Applications for such certificates must be made to the Matriculation board directly: [mb.usaf.ac.za](http://mb.usaf.ac.za)
- In the case of applications by candidates who have studied at other higher education institutions accredited by the South African Qualifications Authority (SAQA), the results obtained at such institutions will be considered, together with their academic record and certificate of conduct.
- There are limits to the number of students that can be admitted to each programme.
- **If a programme is full, you may be denied admission even though you meet the minimum requirements.**
- Prospective students who **matriculated prior to 2008** must please contact the university's Student Access and Enrolment Office to determine their admission requirements.
- For more information on the application process please contact **041 504 1111**, or visit our website ([myfuture.mandela.ac.za](http://myfuture.mandela.ac.za)) before applying.
- **Please note that admission requirements are subject to change.** Information in this programme guide was correct as at **April 2020**.



# Admission Requirements

## National Senior Certificate (NSC)

- The table below explains what the minimum statutory requirements for each qualification level are (Higher Certificate, Diploma or Degree).
- The university has also set its own additional minimum entry requirements.

Qualification	Minimum statutory entry requirement
<b>Higher Certificate</b>	Pass the NSC, with a minimum of 30% in the language of learning and teaching of the higher education institution, together with any other university requirements.
<b>Diploma</b>	Pass the NSC with a minimum of 30% in the language of learning and teaching of the higher education institution, coupled with an achievement rating of 3 (40–49%) or better in four recognised NSC 20-credit subjects, together with any other university requirements.
<b>Bachelor's Degree</b>	Pass the NSC with a minimum of 30% in the language of learning and teaching of the higher education institution, coupled with an achievement rating of 4 (50–59%) or better in four NSC 20-credit subjects together with any other university requirements.

**Please note** that the achievement of the minimum NSC admission requirements does not necessarily guarantee admission to any programme or field of study at Nelson Mandela University.

## How to calculate your Applicant Score (AS)

- First look-up the **Applicant Score (AS)** for the qualification you are applying for – also note any required subjects.
- Your Applicant Score (AS) will be different if you took Mathematics, Mathematical Literacy or Technical Mathematics at school.
- Your Applicant Score (AS) is calculated using **six** subjects. Please note that Life Orientation (LO) is excluded.
- Write down your Grade 12 subjects and the most recent percentage (%) obtained in each subject (**NO** Gr 12 March results).
- You **MUST** include the results for the following **three fundamental subjects**: **1)** Home language; **2)** 1<sup>st</sup> Add. Language; and **3)** Maths; **or** Maths Lit; **or** Technical Maths.
- For applicants with seven Grade 12 NSC/IEB subjects, their AS is calculated by adding the percentages for their six 20-credit subjects (**Note** that the Life Orientation percentage is not included as it is a 10-credit subject). This gives a score out of 600.
- For those applicants taking eight or more subjects, their AS is calculated as follows: add the percentages obtained for the three fundamental subjects (the two languages and Mathematics, Technical Mathematics or Mathematical Literacy), plus the percentage(s) for any subject(s) required by the programme, together with the percentage(s) for the next best / highest subject(s), to a maximum of six subjects.

- In addition, for those applicants from quintile 1 to 3 schools who attain 50% or higher for Life Orientation, 7 additional points are added to their score out of 600 to arrive at their final AS.
- Compare your AS & subject results to the minimum needed for the qualification you want to apply for.
- If your Applicant Score (AS) & subject results are below the minimum required, you will need to consider another qualification for which you do qualify.

*\* All South African **public** ordinary schools are categorised into five groups, called quintiles. Quintile 1 to 3 are non-fee paying schools, while Quintile 4 & 5 are fee paying schools.*

**The table below provides an example of how to calculate the AS for:**

- Applicant 1** who has 7 NSC Grade 12 subjects, who is applying for a programme with Life Science and Physical Science as required subjects; and
- Applicant 2** who is applying for the same programme, but who took 8 subjects in Grade 12.
- Applicant 3** who is applying for the same programme, but who is from a quintile 1, 2 or 3 school.

NSC Subject	Applicant 1		Applicant 2		Applicant 3 from quintile 1 to 3 school	
	% obtained	% used to calculate AS	% obtained	% used to calculate AS	% obtained	% used to calculate AS
isiXhosa (Home Language)	78	78	78	78	78	78
English (1st Additional Language)	60	60	60	60	60	60
Mathematics	65	65	65	65	65	65
Life Science	62	62	62	62	62	62
Physical Science	50	50	50	50	50	50
History	–	–	60	60	–	–
Geography	55	55	55	–	55	55
Life Orientation	88	–	88	–	88	7 LO>50%
<b>APPLICANT SCORE (AS)</b>		<b>370</b>		<b>375</b>		<b>377</b>

# How do you apply?

- Applicants can apply online by logging on to [www.mandela.ac.za/Study-at-Mandela](http://www.mandela.ac.za/Study-at-Mandela)
- Ensure that you meet the minimum **Applicant Score (AS)** and **subject requirements** before submitting your completed online application form and supporting documentation.
- Please note that certain qualifications have additional selection processes, for example a portfolio of evidence, interview or fitness/medical tests.
- **No application fee** is required for South African citizens, but there is an application fee for International Students.
- **Remember** to **include your cell number on your form**, as we will be sending you your application status and other important information via this number (Please do not include +27 or any spacing when you enter your cell number);
- Applications for early admission should be submitted by **3 August 2020**.
- Late applications will still be considered up to **30 September 2020**, but as space is limited we advise applicants to submit/complete their application form before the August closing date.

## Online applications

- To apply online, you will need your **own cell number** and a valid **personal email address** (should you not have an e-mail account, please open one before proceeding with your online application).
- Online application(s) are **divided into two sections** (please ensure you complete both);
- **Section 1** (basic background information) – complete all fields indicated and click apply at the



bottom of the page. This does not mean that your application is complete, or that you will be considered for admission yet.

- You will be sent an e-mail to verify your e-mail address first (should you not receive this e-mail, please check your spam mailbox before contacting the University).
- Once verified, another e-mail will be sent with a link to **Section 2**, and will also include your **student number and pin**;
- Click on the link and type in your student number and pin to proceed with your online application;
- Ensure that all fields highlighted in "red" are completed as these fields are compulsory. Fields highlighted in yellow are optional, and those marked in green require no action.
- Include **all your supporting documentation** with your online application as a PDF or JPEG formatted attachment. You can also upload your supporting docs on the admissions dashboard via our website, but only once you have submitted your completed online application.
- At the bottom of the page you will need to click **"Final Submission"** to submit your application.
- No changes can be made after you have submitted your application form. In the event that you need to edit your application, refer to the online application guideline document for the process you need to follow.
- Should you require support in completing your online application, you may contact our Contact Centre on **041-504 1111**, e-mail: [info@mandela.ac.za](mailto:info@mandela.ac.za) or [onlineappdocs@mandela.ac.za](mailto:onlineappdocs@mandela.ac.za).





## Important documentation

In order for the university to finalise your application you are requested to submit the following support documentation with your application:

- A copy of your **identity document** (ID document compulsory for SA Citizens – your application cannot be processed without a copy of your ID. You may also provide your ID number or serial number that appears on your birth certificate should you still be waiting for your ID Document to be issued).
- A copy of your **latest school results** (grade 11 final, or grade 12 June/September results, or final school leaving results if you have already completed Gr 12 (e.g. if you are currently at school and

apply in August submit your June results). **No grade 12 March results.**

- **Declaration by your parent / legal guardian / surety form** (downloaded from the university website),
- A **copy** of your **parent / legal guardian / surety's identity document**;
- Completed **disability assessments form** (if applicable).
- Full **official academic record(s) and certificate(s) of conduct** from previous higher education institution(s) (if applicable).
- **Copy** of your current **residential / home or postal address**;
- **NB:** Please note that your **student number/identity number** must clearly be indicated on all documentation submitted. Your application form cannot be processed if you do not include all supporting documentation with your application

## National Benchmark Test (NBT)

Generally, most programmes offered at the Nelson Mandela University do not require applicants to write the National Benchmark Test (NBT). However, there are a very small number of qualifications which require NBT results. If under the requirements of the programme you are interested in, states that NBT results are required, please consult the NBT website (<https://www.nbt.ac.za>) to book a test date. Applicants interested in programmes requiring NBT results are encouraged to book and write these tests as early as possible. A reference letter from the University is not required.

## Extended Curriculum Programmes

The transition from school to university is challenging for most young people. It is, however, even more dramatic for learners who for various reasons, find that they do not meet the minimum admission requirements of the programme of their choice. Nelson Mandela University offers a wide range of extended curriculum programmes that provide such students with the opportunity to enroll for an extended programme in order to obtain the same mainstream qualification at the end of their study career. In practice, it implies that a student will complete a three-year degree or diploma programme in four years. These programmes provide an environment in which academic support and skills development are integrated with regular academic work. Additional support courses and activities in the first two years of the extended programme assist students to adapt to the university's learning environment in order to follow the mainstream courses during the last two years of study.





# International/Foreign/NCV level 4 equivalency conversion table

- South African and International applicants with International, NC(V) level 4 or Foreign School-Leaving certificates, should use the table below to calculate an equivalent Applicant Score (AS) for admission, based on percentages obtained in such certificates.
- Applicants with international or foreign qualifications must also satisfy the requirements laid down by the Matriculation Board to qualify for a certificate of exemption for a particular international or foreign school-leaving qualification. Applications for such certificates must be made to the

Matriculation board directly: <https://mb.usaf.ac.za/>

- Applicants will have to comply with the minimum Applicant Score (AS) set for the UG qualification they wish to apply for, as well as meet any other additional subject requirements directly.
- To calculate your Applicant Score (AS) use the symbols/achievement rating/percentages obtained in your school-leaving examinations in order to convert them to an equivalent achievement standard on the National Senior Certificate (NSC).

Subject % to use when calculating the Applicant Score*	Senior Cert HG	Senior Cert SG	HIGCSE NSSC HL	IGCSE NSSC OL	O-LEVEL	AS	A-LEVEL	IB HL	IB SL	KCSE	NC(V)4** Fundamental	NC(V)4 Vocational
115							A*, A	7			Use the actual percentages obtained on the statement of results / certificate of the applicant	
105							B	6				
95	A		1			A	C	5	7	A+,A		
85	B		2			B	D	4	6	A-		
75	C	A	3	A	A	C	E	3	5	B+		5 (90-100%)
65	D	B		B	B	D		2	4	B, B-		5 (80-89%)
55	E	C	4	C	C	E		1	3	C+		4 (70-79%)
45	F	D		D	D				2	D		3 (50-69%)
35	FF	E		E	E				1	E		2 (40-49%)
25	G, GG, H	F, FF, G, GG, H		F, G						F, G		1 (0-39%)

**\*Your AS is calculated using six subjects, which must include the language(s) and subjects required for admission, but excluding LO.**

## KEY:

**NSC** – National Senior Certificate

**O-Level** – Ordinary level

**Senior Cert HG** – Senior Certificate Higher Grade

**AS** – Advanced Subsidiary

**Senior Cert SG** - Senior Certificate Standard Grade

**A-Level** – Advanced level

**HIGCSE** – Higher International Graduate Certificate of Secondary Education

**IB HL** – International Baccalaureate Schools (Higher Levels)

**IGCSE** – International Graduate Certificate of Secondary Education

**IB SL** – International Baccalaureate Schools (Standard Levels)

**NSSC HL** – Namibian Senior Secondary Certificate Higher Levels

**KCSE** – Kenyan Certificate of Secondary Education

**NSSC OL** – Namibian Senior Secondary Certificate Ordinary Levels

**NC(V) 4** – National Certificate Vocational Level 4



## Financial facts

- Before registering as a student, you need to determine whether or not you will have sufficient funds to finance your studies. Costs involved in higher education include enrolment fees, registration and tuition fees, textbooks, stationery, transport, meals, accommodation, materials and laboratory fees, sports equipment and general living expenses.
- Nelson Mandela University offers financial assistance to full-time students in the form of bursaries, merit awards, scholarships and study loans for top academic achievers.
- A number of sport grants are also available for top sports performers and those who show outstanding potential.
- The university also provides financial assistance in collaboration with the **National Student Financial Aid Scheme (NSFAS)** for financially-needy students.
- Admission to the university does not imply that you will be eligible for a loan, scholarship or bursary.

- Applications for NSFAS funding must be made directly on the NSFAS website, or an application form can be obtained from the NYDA offices, and sent directly to the NSFAS office in Cape Town. The closing date for NSFAS funding is advertised on their website. Further information can be obtained from the NSFAS website – [www.nsfas.org.za](http://www.nsfas.org.za) or by calling 086 006 7327.
- **Fundi** is a private finance company that exclusively focuses on educational finance, assisting people who are not able to pay for their own, or the studies of their dependants, and who do not qualify for the traditional financing through the formal banking sector or government aid schemes. Fundi loans are available for study fees and books, and provide simple repayment options at an affordable interest rate to loan applicants.
- For more information on financial assistance, contact the **Financial Aid Office** on (041) 504 1111, [www.mandela.ac.za/finaid](http://www.mandela.ac.za/finaid) or e-mail: [financialaid@mandela.ac.za](mailto:financialaid@mandela.ac.za).

## Merit Awards

Merit Awards are awarded to new first-year undergraduate students who have achieved excellent academic results in their final grade 12 NSC/IEB examinations. Students must have passed Grade 12 not more than 2 years prior to their first year of study. In the event that they passed Gr 12 the year adjacent to their first year of study, then a Previous Activity Form should be completed and submitted to Financial Aid office, North Campus before 31 March. Your registration at this University must also be your first-time registering at a Higher Education institution. The rand value of this award is determined on a sliding scale between a predetermined minimum and maximum value, and is automatically awarded to first-year students who qualify by the Financial Aid Office. For more information contact the **Financial Aid Office** on 041 504 1111 or e-mail: [financialaid@mandela.ac.za](mailto:financialaid@mandela.ac.za)

**Disclaimer:** “The university reserves the right to amend the Policy with regards to the bursary, and may in its sole discretion; decide to implement such amendments retrospectively”.







### Leadership awards

Leadership Awards are granted to head prefects (Head Boy/Head Girl), and Learner Representative Council Presidents (in cases of no Head Prefects). Documentary proof of your Grade 12 results, including a letter from your school verifying your leadership role must be submitted to the Financial Aid office on North Campus as soon as possible. The last day for submission of these documents is 31 March annually.

**Disclaimer:** "The university reserves the right to amend the Policy with regards to the bursary, and may in its sole discretion; decide to implement such amendments retrospectively".

### Student merit bursaries

Returning undergraduate students can automatically qualify for merit bursaries based on their final results in the previous year of study. Students must have passed all their modules at the first attempt. The rand value of which is determined on a sliding scale. These bursaries are available to South African as well as International students. Students must have also achieve a Weighted Average Academic Performance which is determine per faculty, and registered for a minimum relative course weight of at least 0.80 (or 96 credits)

- Faculty of Humanities – 75%
- Faculty of Education – 75%
- Faculty of Business and Economic Science – 75%
- Faculty of Science – 70%
- Faculty of Health Sciences – 70%
- Faculty of EBET – 70%
- Faculty of Law – 70%

**NB:** Exempted courses are not included in the minimum relative weight or credit value for merit award purposes. The value of the bursary is not a fixed amount and is determined in accordance with the available budget. These awards are only for undergraduate studies. Students intending to register for Postgraduate Diplomas or honours studies must apply for those bursaries on the prescribed form before 1 November of the year preceding postgraduate studies.

**Disclaimer:** "The university reserves the right to amend the Policy with regards to the bursary, and may in its sole discretion; decide to implement such amendments retrospectively".



### Sport bursaries

Madibaz Sport offers sport bursaries of varying amounts to sport performers who have demonstrated the ability to play sport at a high level of competition. Bursary application forms can be obtained from Madibaz Sport by e-mail: [sport@mandela.ac.za](mailto:sport@mandela.ac.za) or by calling (041) 504 2165.

**Disclaimer:** "The university reserves the right to amend the Policy with regards to the bursary, and may in its sole discretion; decide to implement such amendments retrospectively".



# Accommodation

## On-campus

The university provides various on-campus accommodation options. These include the residences on the university's Summerstrand and George campuses, and the Student Villages in Summerstrand, which consist of self-catering units for senior students. As accommodation is limited, early application is essential. Prospective students should note that being offered a place in an academic programme does not mean they have also been accepted into an on-campus residence. The closing date for residence applications is: **30 September 2020**. No late applications will be considered. For more information contact: (041) 504 3690/1415 • [resadmissions@mandela.ac.za](mailto:resadmissions@mandela.ac.za) • [www.mandela.ac.za/studenthousing](http://www.mandela.ac.za/studenthousing)

## Off-campus

Some students prefer living off-campus. Off-campus accommodation options include renting flats and houses or boarding at nearby private residences. The university offers a service to assist students in finding suitable off-campus accommodation. For more information on off-campus accommodation please contact (041) 504 4735/6 or e-mail: [offcampus.accomodation@mandela.ac.za](mailto:offcampus.accomodation@mandela.ac.za)

## Applying for residence accommodation

- Apply online (<http://studenthousing.mandela.ac.za/Apply-for-admission>);
- Please note that indicating that you require accommodation does not guarantee placement in any of the university's on-campus accommodation options;
- A selection process has to take place and priority will be given to applicants who have obtained excellent academic results;



- No student will be admitted to residence until she/he has been academically admitted to a university programme, and also before the appropriate fees have been paid;
- Also note that residence accommodation is limited and preference will be given to applications received before the end of September;
- Please submit a residence accommodation form together with proof of your current residential/home or postal address via e-mail ([resadmissions@mandela.ac.za](mailto:resadmissions@mandela.ac.za)), fax (041- 504 9765) or post (Residence Accommodation, PO Box 77000, Nelson Mandela University, Port Elizabeth, 6031).

## International students

The Office for International Education provides information and assistance to prospective and current international students. Information on study programmes, fees, accommodation and study permit requirements can be obtained from this office. Please contact them on +27 (0)41 504 2161 or e-mail: [international@mandela.ac.za](mailto:international@mandela.ac.za) or visit their website ([www.mandela.ac.za/international](http://www.mandela.ac.za/international)). **The closing date for applications by international students is 30 September 2020.**

# Universal Accessibility & Disability Services (UADS)

Nelson Mandela University would like to ensure that differently abled students enjoy a successful student experience, thus we strive to ensure that academic concessions, reasonable adjustments for general accessibility, test and examinations and other academic concessions, are made to meet your needs. Services currently available include assistive technologies, dedicated computer spaces equipped with assistive technologies, braille transcription support, adapted transport for those with mobility difficulties, and volunteer buddies amongst other.

As every case needs to be individually assessed, please register your special needs with the university's **Universal Accessibility & Disability Services (UADS)** as soon as possible, preferably the year prior to application and registration. At your first appointment, you will need to provide valid medical documentation and/or assessment reports from appropriate health professionals. The goal of the consultations between students and the **UADS** is to identify the impact of a disability or condition on the students' academic performance and to maximise opportunities for independent participation.

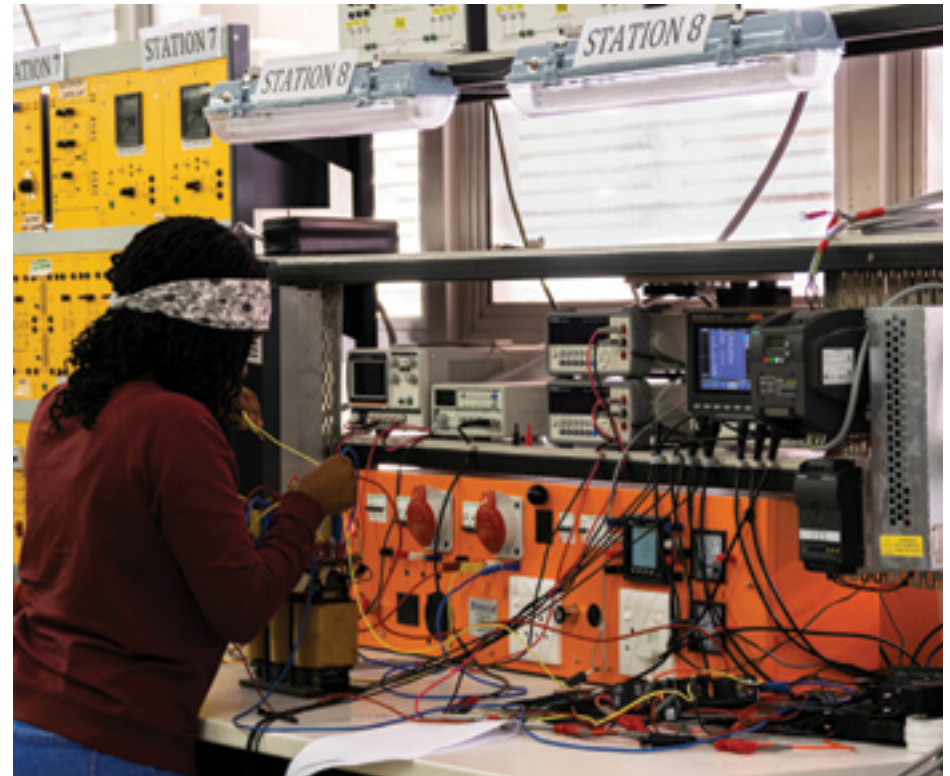
## What can we offer you?

- Support consultation sessions to determine all support required during your academic journey;
- Assessment sessions for the verification of reasonable accommodations/concessions needed.
- Referrals to Emthonjeni – Fountain of Student Wellness for further consultations, when necessary.
- Orientation and information sessions on various services, support, and technologies available;
- Facilitation of support services, such as assistive technology, braille support, orientation and mobility training, access to facilities, academic support concessions, adapted transport, and identifying appropriate student housing spaces according to the disability.

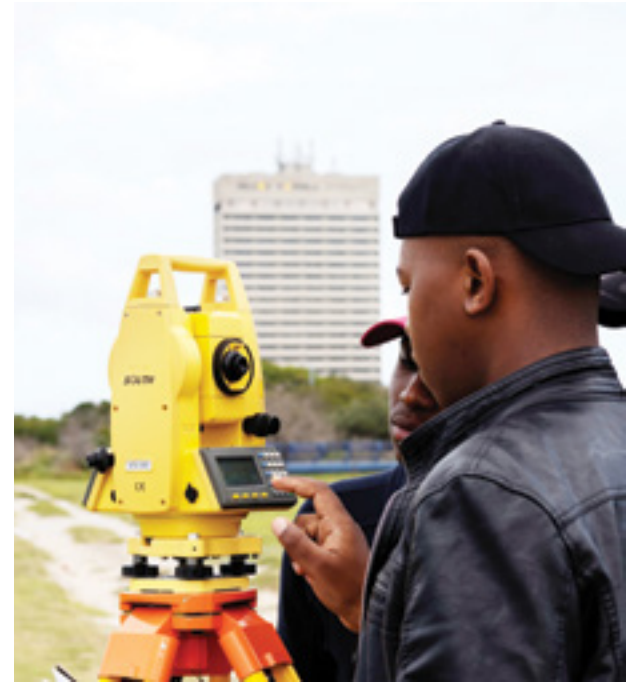
Bursaries for students with disabilities are available, via an online application process, through NSFAS ([www.nsfas.org.za](http://www.nsfas.org.za)). Please contact the **Universal Accessibility & Disability Services (UADS)** on 041 504 2313/ 4756 or E-mail: [disability@mandela.ac.za](mailto:disability@mandela.ac.za) for further information.

## Language of Teaching and Learning

While Nelson Mandela University is committed to multilingualism, the predominant language of teaching and learning at the University is English. The statutory language requirements can be met by obtaining a minimum rating of 3 (40 - 49%) or higher in English, Afrikaans or isiXhosa as a home or first additional language. Some qualifications may require a higher pass mark for language(s) than what is indicated here. Please refer to the subject requirements of the qualification you intend applying for, before completing your online application form to ensure that you meet the direct admission & subject requirements.









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# Faculty of Business and Economic Sciences

## School of Accounting

Department of Accounting Sciences  
Department of Applied Accounting

## School for Economics, Development and Tourism

Department of Economics  
Department of Development Studies  
Department of Tourism

## School of Industrial Psychology and Human Resources

Department of Human Resource Management  
Department of Industrial & Organisational Psychology

## School of Management Sciences

Department of Business Management  
Department of Management Practice  
Department of Logistics  
Department of Marketing Management

## Business School

## George Campus

Accounting  
Business Management  
Economics  
Management  
Marketing  
Tourism



### Student Access & Enrolment Office

Port Elizabeth Campuses: 041 504 1111

George Campus: 044 801 5194

[info@mandela.ac.za](mailto:info@mandela.ac.za)  
[business.mandela.ac.za](http://business.mandela.ac.za)

*Prospective student are advised to contact the Student Access & Enrolment Office prior to applying or refer to the faculty website or prospectus for more information regarding any qualifications offered within the Faculty of Business & Economic Sciences.*



# STOCKS

## 6 FEBRUARY

BA

The Boeing Company

BRK-B

Berkshire Hathawa...

DIS

The Walt Disney C...

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Higher Certificate (HCert)							
<b>HCert (Accountancy)</b>	<p>The purpose of this qualification is to train qualified bookkeepers for the private and public sectors. They will have the opportunity to enhance their skills and knowledge in the field of accountancy.</p> <p>This programme will also equip students with the essential knowledge and specific skills they need in order to be competent in performing basic bookkeeping, tax and accounting services both manually and in the computerised environment.</p> <p>Students who do not meet the direct entry requirements for the mainstream qualification will have the opportunity to study further at tertiary level after the completion of the programme.</p> <p><b>Please note:</b> Students with an average mark of 60% and higher in the Higher Certificate may apply for entry to the Diploma in Accountancy.</p>	Full-time 1 year or 2 years	290	290	305	<ul style="list-style-type: none"><li>Minimum statutory NSC requirements for higher certificate entry must be met.</li><li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 60%.</li></ul>	Bookkeeper; accounting clerk.
<b>HCert (Business Studies)*</b>  <i>*(also offered on the George Campus)</i>	<p>The purpose of this qualification is to equip students with the necessary knowledge and skills related to the business environment to make them more employable and to also widen access to selected diploma qualification(s).</p> <p><b>Please note:</b> Students who successfully complete this Higher Certificate qualification and comply with the set admission requirements may proceed to one of the following diplomas in the field of: Economics, Marketing, Logistics, Management or Tourism management.</p>	Full-time 1 year	290	290	305	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for higher certificate entry must be met.</li><li>Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li></ul>	Marketing intern, marketing officer, office manager or entrepreneur.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Diploma (Dip)							
Dip (Accountancy)	This programme equips students with career-orientated knowledge and skills for a career in accountancy as applied in commerce and industry.	Full-time 3 years Part-time 5 years	350	350	365	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for diploma entry must be met.</li><li>Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy – 65%.</li></ul>	Careers in accounting (e.g. accountant, internal auditor, cost accountant, financial and management accountant, tax consultant).
Dip (Economics)	The objective of this programme is to educate persons with an interest in Economics to pursue careers in assisting economic research and economic report writing in public and private sector institutions; the latter including, amongst others, economic journalism.	Full-time 3 years	330	330	345	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for diploma entry must be met.</li><li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li></ul>	Fields where economists are required include: finance and trade, labour and development, transport, agriculture, mining, manufacture, industry and marketing, banking, assurance and insurance companies, real estate.
Dip (Economics) Extended Curriculum	<p>The extended curriculum programme for Dip (Economics) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.</p>	Full-time 4 years	310	310	325	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for diploma entry must be met.</li><li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li></ul>	The same as for three-year Diploma in a chosen field.
Dip (Human Resource Management)	<p>This programme equips the student for a career in the fields of human resources management, industrial relations, training management, personnel management and the broad field of general management.</p> <p>The Department of Human Resource Management is also accredited with the SA Board for People Practices.</p>	Full-time 3 years Part-time 4 years	330	330	345	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for diploma entry must be met.</li><li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li></ul>	Human resources officer, industrial relations officer, training officer, supervisory/management trainee positions, HR consultant, HR administrator, industrial relations specialist, recruitment consultant.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Human Resource Management)</b> Extended Curriculum	<p>This programme offers an integrated solution to the problems of an under-prepared matriculant wanting to study in the field of human resource management.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.</p> <p>The Department of Human Resource Management is also accredited with the SA Board for People Practices.</p>	Full-time 4 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li> </ul>	The same as for three-year Diploma in a chosen field.
<b>Dip (Inventory &amp; Stores Management)</b>	<p>This programme provides students with the knowledge and skills necessary for the optimum performance of those activities concerned with the flow of materials to and from the manufacturing or user departments.</p> <p>Please note that a student may articulate to the Dip (Logistics) if he/she obtains an average of 60% for all the subjects offered in the first year of the Dip (Inventory &amp; Stores Management) qualification.</p>	Full-time 3 years	290	290	305	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li> </ul>	Stores or warehouse manager, materials handling manager, distribution planner/manager, inventory controller, materials manager.
<b>Dip (Logistics)</b>	This programme provides the student with the broad expertise necessary to assume responsibility for effective and efficient planning, organising, implementation and control of the logistics activities, which are required to supply goods and services of the right quality to users within the supply chain at optimum cost.	Full-time 3 years Part-time 4 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul>	Purchaser or logistics manager, buyer, supply chain manager, expeditor, materials controller, production planner, bill-of-material specialist, materials requirement planner, export/import controller.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Logistics)</b> Extended Curriculum	The extended curriculum programme for Dip (Logistics) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.  The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.	Full-time 4 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b></li> <li>Mathematical Literacy – 55%.</li> </ul>	The same as for three-year Diploma in a chosen field.
<b>Dip (Management)*</b> <i>*(also offered on the George Campus)</i>	This programme prepares students for management positions in the retail and manufacturing sectors. This programme is offered on a modular basis and has a strong retail and financial management focus, which places students who complete this diploma in an excellent position to manage their own businesses.	Full-time 3 years Part-time 4 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b></li> <li>Mathematical Literacy – 60%.</li> </ul>	Job opportunities exist in the fields of retail store management, retail buying, franchising, business administration, production- and personnel management.
<b>Dip (Management)*</b> Extended Curriculum <i>*(also offered on the George Campus)</i>	The extended curriculum programme for Dip (Management) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.  The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.	Full-time 4 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b></li> <li>Mathematical Literacy – 55%.</li> </ul>	The same as for three-year Diploma in a chosen field.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Marketing)*</b> <i>*(also offered on the George Campus)</i>	This diploma is acknowledged as a solid entrance-level qualification to the exciting global marketing arena. What sets this popular programme aside is its dynamic career dedicated slant. Students are exposed to relevant, exciting and broad based career training options. The skills and knowledge obtained are in tune with the needs of both commerce and industry.	Full-time 3 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul>	Advertising, personal selling and sales management, product and brand management, customer relationship management, merchandising, wholesaling and retail marketing, media management, direct response marketing, marketing communications, public relations / promotions, marketing research, marketing administration and planning, marketing forecasting and analysis, international / export marketing, small business marketing.
<b>Dip (Marketing)* Extended Curriculum</b> <i>*(also offered on the George Campus)</i>	<p>The extended curriculum programme for Dip (Marketing) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.</p>	Full-time 4 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35% <b>or</b> Mathematical Literacy – 55%.</li> </ul>	The same as for three-year Diploma in a chosen field.
<b>Dip (Tourism Management)*</b> <i>*(also offered on the George Campus)</i>	This programme prepares students for an exciting career in the tourism industry. The programme is intense and covers a wide spectrum of both skills-based training and knowledge that is critical for the tourism industry. This programme is highly sought after as it caters for students seeking employment opportunities in various sectors of the tourism industry.	Full-time 3 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul>	Employment opportunities in various sectors: transport (airlines, sea travel companies, car hire), travel services (travel agencies, tour operators, information bureaus), hospitality services (hotels, guesthouses) and attractions (national parks, theme parks, conference centres).



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Tourism Management)*</b> Extended Curriculum  <i>*(also offered on the George Campus)</i>	<p>The extended curriculum programme for Dip studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.</p>	Full-time 4 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	The same as for three-year Diploma in a chosen field.
<b>Advanced Diploma (AdvDip)</b>							
<b>Advanced Diploma (Economics)</b>	<p>This programme opens up a wide variety of career opportunities in the business world and includes fields such as entrepreneurship, business environments, marketing and strategic management.</p>	Full-time 1 year	–	–	–	Diploma (Economics) or equivalent qualification, or a Bachelor's degree pass with a major in Economics, with an aggregate pass of 60%. Admission is subject to departmental selection.	Banker, business manager, financier, economist, industrial psychologist, human resources manager, marketing manager, training manager, teacher, statistician, financial manager, accountant, insurance broker, mathematician, management consultant, auditor, law advisor, labour relations expert, income tax consultant, small business consultant or an entrepreneur.
<b>Advanced Diploma (Business Studies)</b>  <i>*(also offered on the George Campus)</i>	<p>Advanced Diploma in Business Studies, with specialisation streams in:</p> <ul style="list-style-type: none"> <li>Human Resource Management; or</li> <li>Logistics Management; or</li> <li>Management Practice*; or</li> <li>Marketing Management*; or</li> <li>Tourism Management*; or</li> <li>Monitoring &amp; Evaluation.</li> </ul>	Full-time 1 year Part-time 2 years	–	–	–	A relevant 360-credit Diploma in the chosen field of specialisation listed, or an equivalent qualification, with a mark of at least 60% obtained in the relevant majors of the previous qualification.	<p><b>Marketing careers:</b> Marketing related positions such as marketing manager, marketing strategist, service marketer.</p> <p><b>Logistics careers:</b> Career opportunities linked to the wider range of logistics-related positions in the manufacturing, mining, retail, maritime, services and public sectors (i.e. Logistics managers, logistics planners/ coordinators, supply chain managers, procurement specialists, etc.)</p>

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2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Advanced Diploma (Business Studies)</b> (continued)	<p>These qualifications aim to prepare students both academically and professionally in the selected fields to manage various businesses successfully through appropriate planning, organising, directing and controlling the functions and processes of such establishments.</p> <p>They will be able to collect, analyse and critically review data for effective business and financial decision-making and communicate such decisions and relevant information coherently and reliably. Successful candidates will be able to work independently and as members of a team.</p>						<p><b>Management careers:</b> Job opportunities exist across all management levels and industry sectors. Specific opportunities exist in the fields of retail store management, retail buying, franchising, business administration, production- and personnel management.</p> <p><b>Tourism careers:</b> The qualification will prepare individuals for an array of positions within the tourism industry and its various sectors, such as, travel retail sector, accommodation sector, transport sector, tourism planning and development, and local economic development.</p> <p><b>Human Resource Management careers:</b> Human resources officer, industrial relations officer, training officer, supervisory/ management trainee positions, HR consultant, HR administrator, industrial relations specialist, recruitment consultant.</p>

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Advanced Diploma: Accountancy (Professional Accounting)</b>	<p>The programme is designed to equip students with the essential knowledge and specific skills required to perform level appropriate accounting related services and act as professional accountants.</p> <p><b>Please note</b> this qualification will prepare students for postgraduate studies, or students who have chosen Professional Accounting will be able to, after successfully completing three years of training and passing the qualifying examination of the South African Institute of Professional Accountants (SAIPA), qualify as Professional Accountants (SA).</p>	Full-time 1 year Part-time 2 years	–	–	–	A relevant 360-credit Diploma in Accountancy, or an equivalent NQF Exit Level 6 qualification in a cognate field.	Graduates will be able to work as financial accountants, management accountants, internal auditors and tax consultants.
<b>Advanced Diploma: Accountancy (Internal Auditing)</b>	<p>The programme is designed to equip students with the essential knowledge and specific skills to perform level-appropriate accounting related services and act as internal auditors.</p> <p><b>Please note</b> that this qualification will prepare students for postgraduate studies, and for those students specialising in internal auditing, provide an articulation route to the Postgraduate Diploma in Internal Auditing.</p>	Full-time 1 year Part-time 2 years	–	–	–	A relevant 360-credit Diploma in Accountancy, or an equivalent NQF Exit Level 6 qualification in a cognate field.	Graduates will be able to work as financial accountants, management accountants, internal auditors and tax consultants.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Commerce (BCom)							
<b>BCom: General (Economics)*</b>  <i>*(also offered on the George Campus)</i>	This programme opens up a wide variety of career options in the business world and includes fields such as entrepreneurship, business environments, marketing and strategic management.	Full-time 3 years	390	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 50%.</li></ul>	Banker, business manager, financier, economist, industrial psychologist, human resources manager, marketing manager, training manager, teacher, statistician, financial manager, accountant, insurance broker, mathematician, management consultant, auditor, law advisor, labour relations expert, income tax consultant, small business consultant or an entrepreneur.
<b>BCom: General (Economics)*</b> Extended Curriculum  <i>*(also offered on the George Campus)</i>	The extended curriculum programme for BCom studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.  The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BCom degree.	Full-time 4 years	370	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 45%.</li></ul>	The same as for the three-year BCom degree in a chosen field.
<b>BCom: (General Accounting &amp; Related subjects)</b>  <i>*(also offered on the George Campus on a full-time basis only)</i>	This programme is offered for students wishing to major in accounting, auditing, taxation and management accounting.	Full-time 3 years Part-time 5 years	390	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 50%.</li></ul>	This programme is intended for those planning careers in the field of accounting, but who do not intend to qualify as a chartered accountant. Possible career opportunities include: financial accountant, financial manager, management accountant, bookkeeper, tax accountant and practitioner.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom: (General (Accounting &amp; Related subjects)</b> (continued)  <i>*(also offered on the George Campus on a full-time basis only)</i>	<p>The accounting programme is intended for students who <b>do not</b> wish to qualify as Chartered Accountants but who may wish to join the other professional institutes such as the Institute of Internal Auditors (IIA), the Institute of Chartered Secretaries and Administrators (ICSA), the Association of Chartered Certified Accountants (ACCA), the South African Institute of Tax Practitioners and the South African Institute of Professional Accountants (SAIPA), and yet wish to include accountancy subjects as majors in their degree.</p> <p><b>Take note:</b> The part-time offering of this qualification is subject to a sufficient number of registered students.</p>						
<b>BCom: General (Accounting)*</b> Extended Curriculum  <i>*(also offered on the George Campus)</i>	<p>The extended curriculum programme for BCom studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BCom degree.</p> <p><b>Please note</b> that students can articulate to Accounting for CAs after completing the two year extended qualification and obtaining the required result in their second semester module of Accounting 1.</p>	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 45%.</li> </ul>	The same as for the three-year BCom degree in a chosen field.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom: General (Business Management)*</b>  <i>*(also offered on the George Campus)</i>	This programme opens up a wide variety of career options in the business world and includes fields such as entrepreneurship, business environments, marketing and strategic management.	Full-time 3 years Part-time 5 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	Banker, business manager, financier, economist, industrial psychologist, human resources manager, marketing manager, training manager, teacher, statistician, financial manager, accountant, insurance broker, mathematician, management consultant, auditor or an entrepreneur.
<b>BCom: General (Business Management)*</b> Extended Curriculum  <i>*(also offered on the George Campus)</i>	The extended curriculum programme for BCom studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.  The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BCom degree.	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 45%.</li> </ul>	The same as for the three-year BCom degree in a chosen field.
<b>BCom (Financial Planning)</b>	This programme is tailor-made to meet the needs of employers in the financial planning sector who require both management and specialist knowledge and skills. Nelson Mandela University in co-operation with the Financial Planning Institute of Southern Africa (FPI), is the first academic institution to offer a formal BCom degree in Financial Planning, giving access to membership of the FPI.  The FPI is the highly regarded professional certification institute in the financial planning industry in Southern Africa, carrying an international certification benchmark of recognition by the Financial Planning Standards Board (FPSB).	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	Financial advisor, financial planner, financial services industry, banks and insurance companies.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom (Financial Planning)</b> (continued)	The successful completion of the BCom (Financial Planning) programme will lead to a professional qualification, namely that of Financial Services Associate (FSA), awarded by the FPI.						
<b>BCom: Financial Planning</b> (Extended Curriculum)	The extended curriculum programme for BCom studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.  The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BCom degree.	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 45%.</li> </ul>	The same as for the three-year BCom degree in a chosen field.
<b>BCom: General (Tourism)</b>	This programme is aimed at students who wish to specialise in the field of Tourism. During the first year of study, students are able to obtain a solid foundation in key modules in the field of commerce, such as Business Management, Economics and Tourism. The module, Tourism Work Experience, enables students to gain practical work experience within the Tourism Industry.	Full-time 3 years	390	390	405	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 50%, <b>or</b> Mathematical Literacy – 70%.</li> </ul>	The degree prepares students to work in the private and public sector of the Tourism Industry. Students can explore avenues in various fields such as: tour operations, tourism planning and consulting, various entrepreneurial opportunities, destination marketing and planning, event management, tourism management and planning within government departments.

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom: General (Tourism)</b> Extended Curriculum	<p>The extended curriculum programme for BCom studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BCom degree.</p>	Full-time 4 years	370	370	385	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy – 65%.</li> </ul>	The same as for the three-year BCom degree in a chosen field.
<b>BCom (Marketing &amp; Business Management)</b>	<p>The BCom degree in Marketing &amp; Business Management is your entry to the exciting world of marketing. Learn how to build brands, drive advertising campaigns and tap into the power of e-commerce, and use your knowledge and skills in a career that opens up opportunities worldwide.</p> <p>Students will also learn how to develop innovative and effective marketing solutions, in addition to in-depth marketing, business and financial management knowledge and skills.</p> <p><b>Please note</b> that this qualification does allow students to continue with the Honours degree in Business Management.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	Marketing management, market researcher or product development, brand management, advertising, communication manager or customer relations manager, promotions, retailing, merchandising, direct response marketing and personal selling.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom (Hospitality Management)</b>	<p>The BCom degree in Hospitality Management has been designed to meet the growing managerial needs of the Southern African hospitality marketplace, and especially in the Eastern Cape.</p> <p>While students will get the opportunity to develop practical and operational expertise in the industry, the degree programme aims to provide students with a comprehensive education in aspects of economics, business management, financial accounting, information systems and logistics, operations and marketing management, with a focus on the hospitality and tourism establishments.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	Hospitality Management aims to provide students with in-depth knowledge, a thorough understanding, and associated skills of the hospitality sector (accommodation, management, food and beverage management, events management) in order to fulfil first and second tier management roles. It is also intended to develop and manage a multinational career, and become a leader in the hospitality sector.
<b>BCom: General (Statistics)</b>	This programme open up a wide variety of career options in the business world and includes fields such as entrepreneurship, business environments, marketing and strategic management. The statistic option prepares students for a career in banking and other business statistical related fields.	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 60%.</li> </ul>	Banker, business manager, financier, economist, industrial psychologist, human resources manager, marketing manager, training manager, teacher, statistician, financial manager, accountant, insurance broker, mathematician, management consultant, auditor, law advisor, labour relations expert, income tax consultant, small business consultant or an entrepreneur.

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom (Accounting)*</b>  <i>*(also offered on George Campus on the a full-time basis only)</i>	<p>This programme is prescribed for candidates who intend to qualify as a chartered accountant (CA). The programme focuses on financial accounting, auditing, taxation, management accounting and finance. Graduates of this programme need to complete a Postgraduate Diploma in Accounting followed by a period of three years' practical training and the completion of two professional qualifying examinations in order to register as a Chartered Accountant (SA).</p> <p>The university is well-known for the excellent results which its graduates achieve in the professional qualifying examinations, and for the high employment rate of its graduates.</p> <p><b>Please note:</b> The part-time offering of this qualification is subject to a sufficient number of registered students.</p>	Full-time 3 years Part-time 5 years	410	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 60%.</li> </ul>	Chartered accountant, financial manager, chief financial officer, financial accountant, registered auditor, cost and management accountant, tax consultant, internal auditor, banker.
<b>BCom (Computer Science &amp; Information Systems)</b>	<p>Computer Science and Information Systems graduates from this university are highly sought after by local and international IT companies. This curriculum combines Computer Science with essential subjects for the business world, such as accounting, business management and economics.</p> <p>New modules in Computer Science &amp; Information Systems focus on e-commerce, web technology and multimedia.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 60%.</li> </ul>	Apart from jobs in the industry such as programmers, network specialists and project managers, new and exciting careers have emerged such as internet specialists, web developers, and business analysts.
<b>BCom (Economics &amp; Statistics)</b>	<p>This programme provides for majors in Economics, Economic Statistics, Accounting, Business Management, Computer Science &amp; Information Systems or Mathematics.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 60%.</li> </ul>	Economist, financial and statistical analyst, financial consultant.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom (Industrial Psychology &amp; Human Resource Management)</b>	<p>This programme combines Industrial Psychology and Human Resource Management with subjects such as Business Management, Accounting, Economics, Law and Labour Relations.</p> <p>The Department of Industrial and Organisational Psychology is registered with the Health Professions Council as a training facility for industrial psychologists.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	Human resource practitioner, personnel consultant / manager, training manager, labour relations manager, marketing practitioner or an industrial psychologist.
<b>BCom: Information Systems (Accounting)</b>	<p>This programme covers the application of computers to such areas as business management, finance, production, marketing, administration, distribution and auditing.</p> <p>Students learn about business systems ranging from those used for transactions processing to those used for logistical and strategic decision making. This programme is a dual major and students major is Information Systems (IS) and a choice of Computer Science with Accounting.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 60%.</li> </ul>	Graduates can pursue roles in the application and management of computer systems in business. They are also equipped to pursue a wide range of careers in Information Systems such as business and database programming, business and systems analysis, financial modelling, project management and Enterprise Resource Planning (ERP) consulting.
<b>BCom: Information Systems (Business Management)</b>	<p>This programme covers the application of computers to such areas as business management, finance, production, marketing, administration, distribution and auditing. Students learn about business systems ranging from those used for transactions processing to those used for logistical and strategic decision making.</p> <p>This programme is a dual major and students major is Information Systems (IS) and a choice of Computer Science with Business Management.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 60%.</li> </ul>	Graduates can pursue roles in the application and management of computer systems in business. They are also equipped to pursue a wide range of careers in Information Systems such as business and database programming, business and systems analysis, financial modelling, project management and Enterprise Resource Planning (ERP) consulting.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom (Logistics &amp; Transport Economics)</b>	<p>Efficient and effective Logistics, Transport and Supply Chain Management play critical roles in the success of modern business firms. The proper management of these three focus areas is essential for the creation of a competitive advantage as it impacts directly on cost structures, customer service levels and overall profitability.</p> <p>The BCom in Logistics and Transport Economics introduces and prepares the student for the ever changing demands of the business world. This programme will enable students to apply themselves in line with the demands and challenges of real-world Logistics, Transport and Supply Chain Management related issues.</p> <p>A major in Logistics and Transport Economics will equip graduates with additional capabilities and widen their career possibilities.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 50%.</li> </ul>	Supply Chain manager, logistics manager, resource planner, transport coordinator, expeditor, materials controller, warehouse manager.
<b>BCom (Food Service Management)</b>	<p>The aim of this degree is to produce management professionals for the health and food service sector. Students will be taught to act as food service managers, who are well-grounded in business, financial and people management skills, but also able to solve specific health sector related problems within the food service industry.</p> <p>There is currently a shortage of such managers within the health services food sector and graduates will be able to ensure effective and efficient delivery of food services in the various health services institutions.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>• Minimum statutory NSC requirements for degree entry must be met.</li> <li>• Mathematics – 50%.</li> </ul>	Food service manager



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor in Commerce in Accounting Science (BCom: AccSC)							
<b>BCom: Accounting Science (Economics/ Business Management)</b>	<p>This programme provides candidates who wish to qualify as Chartered Accountants (SA) with the opportunity of an additional major in Economics or Business Management.</p> <p>After completing this degree, students may proceed to the Postgraduate Diploma in Accountancy, and then to the professional examinations administered by the South African Institute of Chartered Accountants (SAICA) and complete a three-year training contract, in order to qualify as a chartered accountant.</p>	Full-time 4 years	410	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 65%.</li></ul>	Chartered accountant with additional specialist skills in the field of economy and business management.
<b>BCom: Accounting Science (Law)</b>	<p>This programme provides candidates who wish to qualify as Chartered Accountants (SA) with the opportunity of an additional major in Law. Graduates who followed the Law curriculum can also proceed to LLB studies with a view to entering the legal profession.</p> <p>After completing this degree, students may proceed to the Postgraduate Diploma in Accountancy, and then to the professional examinations administered by the South African Institute of Chartered Accountants (SAICA) and complete a three-year training contract, in order to qualify as a chartered accountant.</p>	Full-time 4 years	410	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• English (home language) – 65% <b>or</b> English (first additional language) – 70%.</li><li>• Mathematics – 65%.</li></ul>	Chartered accountant or registered auditors with additional specialist skills in law.

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2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom: Accounting Science (Computer Science &amp; Information Systems)</b>	<p>This programme provides candidates who wish to qualify as Chartered Accountants (SA) with the opportunity of an additional major in Computer Science and Information Systems.</p> <p>After completing this degree, students may proceed to the Postgraduate Diploma in Accountancy, and then the professional examinations administered by the South African Institute of Chartered Accountants (SAICA) and complete a three-year training contract, in order to qualify as a chartered accountant.</p>	Full-time 4 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 65%.</li> </ul>	Chartered accountant with additional specialist skills in the information technology environment. Apart from jobs in the industry such as programmers, network specialists and project managers, new and exciting careers have emerged such as internet specialists, web developers, and business analysts.
<b>Bachelor of Arts (BA)</b>							
<b>BA (Human Resource Management)</b>	<p>This programme provides sound theoretical knowledge of human resources practice, labour relations, labour law, business and management, combined with hands-on practical skills in conflict management, research, stress management, organisational behaviour, consumer behaviour, rewards management and staffing.</p> <p>Industrial Psychology forms the core of the programme. The Department of Industrial and Organisational Psychology is registered with the Health Professions Council as a training facility for industrial psychologists.</p>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 70%.</li> </ul>	Human resource practitioners, personnel consultant, industrial psychologist, marketing practitioner or labour relations manager, trainers or managers in local, regional and national government, small, medium and large businesses, or non-government organisations.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BA (Development Studies)</b>	<p>This programme is an interdisciplinary programme providing you with a foundation in development and economics. It aims to provide students with a sound theoretical grounding in the principals and practices of economic development as it pertains to:</p> <ul style="list-style-type: none"> <li>• Policy;</li> <li>• Research of policy and;</li> <li>• Implementation of policy in a development context.</li> </ul> <p><b>Take note:</b> This course will only be offered if a minimum of 25 prospective applicants are admitted to the programme. Please consult the Student Access and Enrolment Office prior to applying.</p>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 70%.</li> </ul>	Development consultants, economist & development economists, development finance and banking, development planning officers. Career opportunities within institutions such as: the Development Bank of Southern Africa, the African Development Bank, the World Bank, the UN Development programme, UNICEF, World Vision, OXFAM, Operation Hunger.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



# Faculty of Education



**Student Access & Enrolment Office**  
Port Elizabeth Campuses: 041 504 1111

[info@mandela.ac.za](mailto:info@mandela.ac.za)  
[education.mandela.ac.za](http://education.mandela.ac.za)

Department of Foundation Phase: Primary School Education

Department of Intermediate Phase: Primary School Education

Department of Secondary School Education

Department of Post Schooling

Department of Postgraduate Studies

*Prospective student are advised to contact the Student Access & Enrolment Office prior to applying or refer to the faculty website and the prospectus for more information regarding any qualifications offered within the Faculty of Education.*



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Education (BEd)							
<b>BEd: Foundation Phase (Grades R-3)</b>	<p>This programme provides prospective teachers with knowledge of the subject areas required: literacy (home language and additional language(s), numeracy and life skills, as well as the required skills needed to integrate these across the FP schooling system.</p> <p>The programme emphasises hands-on classroom competencies and the creative design of teaching and learning media. This qualification promotes increased understanding of literacy and numeracy development, the instructional practices within classrooms, teacher preparation, and resources required for effective teacher education programmes in the languages of teaching and learning.</p> <p>There is a strong emphasis on the preparation of student teachers for multilingual classroom contexts. Students engage with relevant teaching methodologies, related theory and application during periods of school-based observation and practice across the four-year programme.</p>	Full-time 4 years	350	350	365	<ul style="list-style-type: none"><li>• Minimum NSC requirements for degree entry must be met.</li><li>• English (Home Language or First Additional Language) <b>AND</b> Afrikaans or isiXhosa (Home Language or First Additional Language)</li><li>• Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy - 60%.</li></ul>	Foundation phase teacher – Grades R – 3 (previously called a junior primary teacher).

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BEd: Intermediate Phase (Grades 4-6)</b>	<p>This programme provides prospective teachers with the required knowledge, understanding and skills to enhance teaching and learning in all the Intermediate Phase subjects (Languages, Mathematics, Natural Science &amp; Technology, Social Sciences, Life Skills, Arts &amp; Culture, Economics and Management Sciences), as well as practical and professional preparation in the relevant methodologies.</p> <p>Students will be exposed to various modules that will provide the knowledge to support hands-on classroom competencies from the first to the fourth year.</p>	Full-time 4 years	370	370	385	<ul style="list-style-type: none"> <li>Minimum NSC requirements for degree entry must be met.</li> <li>English (Home Language or First Additional Language) <b>AND</b> Afrikaans or isiXhosa (Home Language or First Additional Language)</li> <li>Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy – 60%.</li> </ul>	Intermediate phase teacher – Grades 4 – 6 (previously called a senior primary teacher).
<b>BEd: Senior Phase and Further Education &amp; Training (SP: Grades 7-9) (FET: Grades 10-12) COMMERCE STREAM</b>	<p>The aim of the programme is to equip students with the knowledge, skills and values needed to effectively mediate learning in the field of Senior Phase and Further Education and Training, specialising in specific school subjects.</p> <p>Students will be expected to choose <b>two</b> FET specialisations and <b>one</b> related SP specialisation within the stream below.</p> <p><b>COMMERCE STREAM:</b>  <b>FET:</b> Accounting, Business Studies, Economics, Mathematics, Mathematical Literacy.  <b>SP:</b> EMS, Mathematics</p> <p><b>Please note:</b> To specialise in Mathematical Literacy applicants <b>MUST</b> have taken Mathematics at school.</p>	Full-time 4 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC requirements for degree entry must be met.</li> <li>English (Home Language or First Additional Language) <b>AND</b> Afrikaans or isiXhosa (Home Language or First Additional Language).</li> <li>Mathematics – 60%</li> </ul> <p>Please note that in order to specialise in any of the following FET specialisations, an applicant must have taken the subject up to Gr 12 level and passed at the percentage (%) indicated below:</p> <ul style="list-style-type: none"> <li>Accounting – 60%,</li> <li>Business Studies – 60%,</li> <li>Economics – 60%.</li> </ul>	The Bachelor of Education Senior Phase (SP) and Further Education & Training (FET) degree has the primary purpose of providing a well-rounded education that equips graduates with the required subject content knowledge base; educational theory, and methodology that will enable them to demonstrate competence and responsibility as academic and professionally qualified beginner secondary school teachers.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;  
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BEd: Senior Phase and Further Education &amp; Training (SP: Grades 7-9) (FET: Grades 10-12) NATURAL SCIENCE STREAM</b>	<p>The aim of the programme is to equip students with the knowledge, skills and values needed to effectively mediate learning in the field of Senior Phase and Further Education and Training, specialising in specific school subjects.</p> <p>Students will be expected to choose <b>two</b> FET specialisations and <b>one</b> related SP specialisation within the stream below.</p> <p><b>NATURAL SCIENCE STREAM:</b>  <b>FET:</b> Life Sciences, Physical Sciences*, Mathematics or Mathematical Literacy  <b>SP:</b> Mathematics, Natural Sciences</p> <p><i><b>*Please note</b> that students choosing to study Physical Science <b>MUST</b> choose Mathematics as their second FET specialisation. To specialise in Mathematical Literacy applicants must have taken Mathematics at school.</i></p>	Full-time 4 years	390	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC requirements for degree entry must be met.</li> <li>• English (Home Language or First Additional Language) <b>AND</b> Afrikaans or isiXhosa (Home Language or First Additional Language).</li> <li>• Mathematics – 60%</li> </ul> <p>Please note that in order to specialise in any of the following FET specialisations, an applicant must have taken the subject up to Gr 12 level and passed at the percentage (%) indicated below:</p> <ul style="list-style-type: none"> <li>• Physical Sciences – 60%,</li> <li>• Life Sciences – 60%,</li> <li>• Geography – 55%.</li> </ul>	The Bachelor of Education Senior Phase (SP) and Further Education & Training (FET) degree has the primary purpose of providing a well-rounded education that equips graduates with the required subject content knowledge base; educational theory, and methodology that will enable them to demonstrate competence and responsibility as academic and professionally qualified beginner secondary school teachers.
<b>BEd: Senior Phase and Further Education &amp; Training (SP: Grades 7-9) (FET: Grades 10-12) LANGUAGE AND SOCIAL SCIENCES STREAM</b>	<p>The aim of the programme is to equip students with the knowledge, skills and values needed to effectively mediate learning in the field of Senior Phase and Further Education and Training, specialising in specific school subjects.</p> <p>Students will be expected to choose <b>two</b> FET specialisations and <b>one</b> related SP specialisation within the stream below.</p>	Full-time 4 years	390	390	405	<ul style="list-style-type: none"> <li>• Minimum NSC requirements for degree entry must be met.</li> <li>• English (Home Language or First Additional Language) <b>AND</b> Afrikaans or isiXhosa (Home Language or First Additional Language).</li> <li>• Mathematics – 45% (except if Geography is selected, <b>then</b> 60% for Mathematics is required).</li> <li>• Mathematical Literacy – 60%, or Technical Maths – 45% (<b>not applicable</b> if Geography is selected which <b>requires</b> Mathematics).</li> </ul>	The Bachelor of Education Senior Phase (SP) and Further Education & Training (FET) degree has the primary purpose of providing a well-rounded education that equips graduates with the required subject content knowledge base; educational theory, and methodology that will enable them to demonstrate competence and responsibility as academic and professionally qualified beginner secondary school teachers.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BEd: Senior Phase and Further Education &amp; Training (SP: Grades 7-9) (FET: Grades 10-12) (continued)</b>	<b>LANGUAGE AND SOCIAL SCIENCES STREAM:</b> <b>FET:</b> Afrikaans, English, IsiXhosa, History, Geography. <b>SP:</b> Afrikaans, English, IsiXhosa, Social Science		–	–	–	<p>Please note that in order to specialise in any of the following FET specialisations, an applicant must have taken the subject up to Gr 12 level and passed at the percentage (%) indicated below:</p> <ul style="list-style-type: none"> <li>English, Afrikaans, isiXhosa (Home Lang or 1st Add Lang) – 55% - <b>if language</b> is selected as a FET specialisation.</li> <li>History – 55%,</li> <li>Geography – 55%.</li> </ul>	
<b>PGCE: FET (Postgraduate Certificate in Education: Further Education and Training)</b>	<p>The purpose of the Postgraduate Certificate in Education (PGCE) in Further Education and Training (FET) is to “cap” an undergraduate degree or an approved advanced diploma.</p> <p>The PGCE FET aims to develop graduates and diplomates as competent, professional teachers, committed to the enhancement of education in diverse high schools in South Africa and beyond.</p> <p>In addition, the programme aims to provide student teachers with the required knowledge, skills and values to mediate teaching and learning in two school related subjects in the field of Further Education and Training.</p>	Full-time 1 year	–	–	–	<ul style="list-style-type: none"> <li>Bachelor’s degree, Diploma plus BTech or an Advanced Diploma with the required school related subjects at the compulsory levels.</li> <li>Candidates must have passed at least two school related subjects at second year degree level.</li> <li>English (home language or first additional language) <b>AND</b> Afrikaans or isiXhosa (home language or first additional language).</li> <li>Passed Computer literacy (completion date not older than 8 years).</li> <li>Final admission into the programme may be subject to an admission interview.</li> </ul> <p><b>Please note:</b> A minimum student number per method module will determine whether a method module may be offered or not.</p>	High school teacher

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

# Faculty of Engineering, the Built Environment and Technology



**Student Access & Enrolment Office**  
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George Campus: 044 801 5194  
(Only Information Technology - IT)

[info@mandela.ac.za](mailto:info@mandela.ac.za)  
[ebet.mandela.ac.za](mailto:ebet.mandela.ac.za)

## School of Engineering

Department of Electrical Engineering  
Department of Industrial Engineering  
Department of Mechanical Engineering  
Department of Marine Engineering  
Department of Mechatronics

## School of Architecture

Department of Architecture  
Department of Architectural Technology & Interior Design

## School of the Built Environment and Civil Engineering

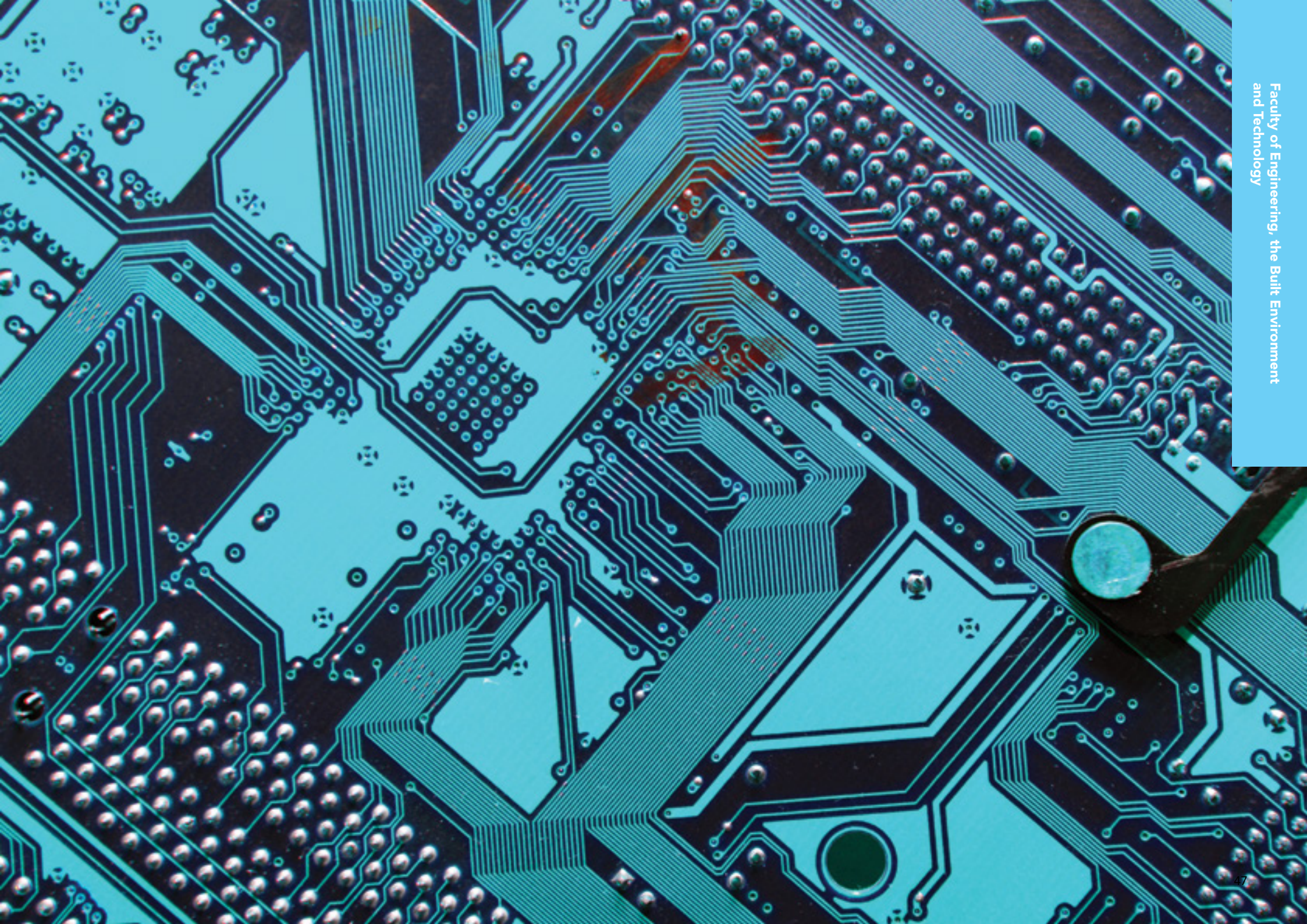
Department of Construction Management  
Department of Building & Human Settlement Development  
Department of Quantity Surveying  
Department of Civil Engineering

## School of Information Technology

Department of Applied Technologies  
Department of Software Engineering  
Department of Network Engineering  
Department of IT Management and Governance

*Prospective student are advised to contact the Student Access & Enrolment Office prior to applying or refer to the faculty website and the prospectus for more information regarding any qualifications offered within the Faculty of Engineering, the Built Environment & Technology.*







SCHOOL OF ENGINEERING							
Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Higher Certificate (HCert)							
HCert (Mechatronic Engineering)	<p>This programme provides an introduction to Mechatronics and Automation. The course includes carefully selected applied Mathematics, Science and Engineering content to fast-track learning to the required level.</p> <p>The purpose of this programme is to equip students with the necessary skills to function in a supporting role to engineering teams in the automation sector comprising artisans, technicians, technologists, and engineers.</p> <p>Successful candidates meeting prescribed criteria, may apply for admission to BEngTech, BEng and other degrees offered at the university.</p>	Full-time 1 year	330	330	–	<ul style="list-style-type: none"><li>• Minimum statutory NSC requirements for higher certificate entry must be met.</li><li>• Mathematics or Technical Mathematics – 50%.</li><li>• Physical Sciences or Technical Science – 50%.</li></ul>	<p>Successful candidates can pursue a multitude of career opportunities within the automated manufacturing environment and can function in a supporting role to an engineering team comprising artisans, technicians, technologists, and engineers.</p> <p>There is a rapidly rising demand for knowledge and skills in this field emanating specifically from the development of technology (especially the integration of computer based control, data acquisition and monitoring) as applied to automated processes and the inadequate levels of support staff and artisans with these highly developed technological skills.</p>
HCert (Renewable Energy Engineering)	<p>This programme provides an introduction to Sustainable Energy and Renewable Energy Technologies. The course includes carefully selected applied Mathematics, Science and Engineering content to fast-track learning to the required level.</p> <p>The purpose of this programme is to equip students with the necessary skills to function in a supporting role to an engineering team in the renewable energy sector comprising artisans, technicians, technologists, and engineers.</p>	Full-time 1 year	330	330	–	<ul style="list-style-type: none"><li>• Minimum statutory NSC requirement for higher certificate entry must be met.</li><li>• Mathematics <b>or</b> Technical Mathematics – 50%.</li><li>• Physical Sciences or Technical Science – 50%.</li></ul>	<p>Successful candidates can pursue a multitude of career opportunities within the renewable energy environment and can function in a supporting role to an engineering team comprising artisans, technicians, technologists, and engineers.</p> <p>There is a rapidly rising demand for knowledge and skills in this field emanating specifically from the development of renewable energy technology, and the need for adequate levels of support staff with these highly developed technological skills.</p>

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>HCert (Renewable Energy Engineering)</b> (continued)	Successful candidates meeting prescribed criteria, may apply for admission to BEngTech, BEng and other degrees offered at the university.						
<b>Diploma (Dip)</b>							
<b>Dip (Operations Management)</b>	The purpose of this programme is to equip students with the necessary knowledge, skills, understanding, and abilities required to become competent operations managers. They will be able to plan and manage an organisation's resources and processes which typically represents a significant portion of an organisation's cost and assets. Included in the tasks of operations managers are the essential components of quality enhancement and assurance, supply chain management, increased productivity, cost reduction, and flexibility improvements.	Part-time 3 years (presented over 4 years)	310	310	325	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> <li>Must be in full-time employment in a related field.</li> <li>Comprehensive curriculum vitae (CV) must be submitted with your application form.</li> <li>All applicants must write the National Benchmark Tests (Academic and Quantitative Literacy tests) and submit the scores before their application can be finalised.</li> <li>Admission is subject to departmental selection.</li> </ul>	Career opportunities include production planners, operations managers, supervisors, team leaders, work study practitioners, quality practitioners, operations analysts, logistics and stores managers.
<b>Advanced Diploma (AdvDip)</b>							
<b>AdvDip (Quality)</b>	<p>The purpose of this programme is to equip students with knowledge and advanced skills to be able to determine and manage the effectiveness of quality management systems, appraise the current systems and processes, identify problem areas, and possess the skills to assist in the minimisation of the problem areas identified.</p> <p>This qualification offers an intensive, focused and applied specialisation which meets the need of a specific niche in the labour market.</p>	Part-time 2 years	–	–	–	<ul style="list-style-type: none"> <li>Students must have a 65% average for any relevant National Diploma, Diploma or Degree at the discretion of the Head of Department, or 60% average, with two years relevant post diploma/degree working experience.</li> <li>Mathematics I or equivalent at an NQF Level 5.</li> <li>Employment in a relevant field is required for the project module</li> </ul>	<p>Globally, the possible positions of individuals with this type of qualification include quality practitioners, managers, supervisors and foremen. The study of quality involves the effective application and management of resources including, but not limited to, human, capital, and material resources.</p> <p>Quality management for manufacturing operations is a key fundamental to the competitive edge of the Eastern Cape region and is a major contributor to wealth creation and employment.</p>

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>AdvDip (Quality)</b> (continued)	This programme is suitable for continuing professional development through the inculcation of a deep and systematic understanding of current thinking, practice, theory, and methodology, in the area of quality management and systems.						Included in the tasks of quality managers are the essential components of quality enhancement and assurance, supply chain management, increased productivity, cost reduction and flexibility improvements.
<b>AdvDip (Operations Management)</b>	<p>The study of Operations Management fills a strategic role in the operational efficiency of manufacturing, as well as the service industry. Included in the tasks of operations managers are the essential components of quality enhancement and assurance, supply chain management, increased productivity, cost reduction, and flexibility improvements.</p> <p>Operations managers could be required to solve broadly defined operations related problems, apply analytical techniques to operations related procedures, processes, systems and methodologies, design and apply operations related control systems, understand the impact of operations management, use appropriate techniques, resources, and modern operations tools, including IT, for the solution of broadly defined operations. Operations Managers must also be able to communicate effectively and demonstrate the ability to work in a team.</p> <p>The Advanced Diploma in Operations Management is designed to build on the knowledge and skills obtained in the Diploma (Operations Management).</p>	Part-time 2 years	–	–	–	<ul style="list-style-type: none"> <li>Students must have a 65% average for any relevant National Diploma, Diploma or Degree qualification, at the discretion of the Head of Department, or 60% average with at least two years relevant post diploma/degree working experience.</li> <li>Mathematics I or equivalent at NQF Level 5.</li> <li>Employment in a relevant field is required for the project modules.</li> </ul>	Globally, the possible positions of individuals with this type of qualification include production planners, operations managers, supervisors, a foreman, work study practitioners, quality practitioners and operations analysts.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>AdvDip (Operations Management)</b> (continued)	This course will provide a deeper level of knowledge, understanding, and skills required towards becoming primarily a competent, and efficient operations manager and employee. Applicants with relevant qualifications and experience from other engineering and science disciplines may also apply.						
<b>Bachelor of Engineering (BEng)</b>							
<b>BEng (Mechatronics)</b>	<p>Mechatronic Engineering is a multidisciplinary branch of engineering that includes a combination of precision mechanical engineering, electronics and computer systems. A typical mechatronic system is characterised by close integration of computer controllers, mechanical components, electrical sensors, mechanical and electrical actuators and software into products and systems useful to man and society.</p> <p>In order to combine all these elements in an optimal way (cost-effective, flexible, and with the highest performance), mechatronic engineers must have insight in each of these disciplines. Mechatronic Engineering is a key driver of the Fourth Industrial Revolution.</p> <p>The programme provides students with a thorough grounding in mathematics, basic sciences, engineering sciences, engineering modelling and engineering design together with the abilities to enable application in fields of emerging knowledge.</p>	Full-time 4 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics – 60%.</li> <li>Physical Sciences – 65%.</li> </ul> <p><b>Alternatively:</b> Applicants who completed all modules in the Higher Certificate (Mechatronic Engineering) qualification, with an academic average of 65%, with minimum of 60% for Mathematics (MAT1011), and minimum of 65% for Physical Sciences 1001 (PHY1001) may be considered. No credits will be given for any modules completed as part of the Higher Certificate in Mechatronics Engineering qualification.</p> <p><b>Recommended NSC/IEB Subjects:</b> Engineering Graphics &amp; Design <b>and/or</b> Information Technology.</p>	Mechatronic Engineers are the pioneers of the Fourth Industrial Revolution and play a key role in the design, development, manufacture and operation of a variety of products – from video players and automatic cameras, to robots and fully automated plants for manufacturing, packaging, and the process industries.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Engineering Technology (BEngTech)							
<b>BEngTech (Electrical Engineering)</b>	<p>Electrical Engineering is the study of the behaviour of electrical, electronic, digital, and electromechanical systems.</p> <p>Electrical Engineering Technologists are responsible for the design, development, manufacturing, testing and maintenance of electrical, electronic, and digital infrastructure. This includes, but is not limited to, the various forms of power generation, transmission, and distribution systems, control systems, computer systems, data and voice communication systems, automated robotic systems, and medical technologies.</p> <p>The Electrical Engineering technologist assists in creating wealth and improving people's quality of life.</p>	Full-time 3 years	370	370	–	<ul style="list-style-type: none"><li>• Minimum statutory NSC requirements for degree entry must be met.</li><li>• Mathematics <b>or</b> Technical Mathematics – 60%.</li><li>• Physical Sciences or Technical Science – 50%.</li></ul> <p><b>Alternatively:</b> A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics (MAT1011).</p>	<p>Electrical Engineering Technologists are high in demand both locally and internationally.</p> <p>Typical sectors of opportunities for employment include power generation, transmission and distribution corporations, as well as government institutions developing infrastructure, computer-technology corporations, manufacturing plants, parastatal and private communication companies as well as process-control and chemical plants.</p> <p>Graduates are not limited to formal employment sectors – they also make good entrepreneurs. Apart from this they may also find challenging opportunities in teaching and/or research.</p>
<b>BEngTech (Industrial Engineering)</b>	<p>Industrial Engineering Technologists develop concepts, designs and systems for manufacturing processes and services. They work with many different specialists such as material scientists, mechanical and electrical engineers, manufacturing, and services team leaders, marketers, and accountants to develop new efficient processes, quality assurance protocols and systems.</p> <p>Industrial engineering technologists are tasked to ensure that manufacturing plant or services rendered are optimally designed for customer satisfaction in terms of quality as well as being internationally competitive.</p>	Full-time 3 years	370	370	–	<ul style="list-style-type: none"><li>• Minimum statutory NSC requirements for degree entry must be met.</li><li>• Mathematics or Technical Mathematics – 60%.</li><li>• Physical Sciences or Technical Science – 50%.</li></ul> <p><b>Alternatively:</b> A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics (MAT1011).</p>	<p>Industrial Engineering Technologists are high in demand in automated manufacturing and assembly plants as well as in large scale service industries.</p>

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BEngTech (Mechanical Engineering)</b>	<p>Mechanical Engineering focuses on the design, analyses, manufacturing, and maintenance of mechanical systems.</p> <p>Mechanical Engineering Technologists create, design, construct, and install mechanical components, structures, devices, and products that make modern life possible and more comfortable. Product development requires the optimisation and improvement of a product or its manufacturing process, for efficiency and cost, whilst also improving the international comparability of the manufacturer.</p>	Full-time 3 years	370	370	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics <b>or</b> Technical Mathematics – 60%.</li> <li>Physical Sciences or Technical Science – 50%.</li> </ul> <p><b>Alternatively:</b> A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics (MAT1011).</p>	<p>Mechanical Engineering Technologists are high in demand locally and internationally.</p> <p>Typical employment sectors include power- and energy generation, automotive corporations, government institutions, mining and exploration, design, service, and manufacturing plants.</p> <p>Graduates are not limited to formal employment sectors – they also make excellent entrepreneurs. Apart from this, they may also find challenging opportunities in teaching and/ or research.</p>
<b>BEngTech (Marine Engineering)</b>	<p>Marine Engineering is the discipline of applying engineering sciences (including mechanical, electrical, electronics) and computer science, to the development, design, operation, and maintenance of ships and related watercraft, including propulsion and on-board systems.</p> <p>The Marine Engineering discipline integrates and applies high levels of engineering science to the area of naval architecture and marine structures. Naval architecture broadly refers to the design of ships and marine structures.</p>	Full-time 3 years	370	370	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 60%.</li> <li>Physical Sciences <b>or</b> Technical Science – 50%.</li> </ul> <p><b>Alternatively:</b> A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics (MAT1011).</p>	<p>After completing the degree, graduates can consider three career options:</p> <p>A <b>Naval Architect</b>, who is involved in the design, modification and development of ships, boats, vessels, and offshore platforms.</p> <p>A <b>Shore-based Marine Engineer</b>, who specialises in the systems engineering (design/maintenance/ modification/ construction) of boats, ships, oil rigs and any other marine vessels or structures, as well as with oceanographic engineering.</p> <p>An <b>Engine Officer</b> (Seafarer/ Mariner), who is responsible for the technical management and the operation of a ship, up to the level of Chief Engineer.</p>

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BEngTech (Marine Engineering)</b> (continued)							In Marine Engineering, the “Chief Engineer” is in charge of the engineering department on a vessel. They are responsible for all operations and maintenance that has to do with all the engineering equipment and the technical facilities throughout the entire ship.

## SCHOOL OF ARCHITECTURE

Diploma (Dip)							
<b>Dip (Architectural Technology)</b>	<p>The programme aims to produce architectural technologists who will be competent to design at the basic level and, with the aid of the latest technological equipment, perform the technical aspects of architectural practice at the intermediate level.</p> <p>Construction technology, design and documentation are the main areas of focus. However, because architecture by its very nature is design-orientated and because technologists are allowed to practice independently, architectural design and design theory also forms part of the programme.</p>	Full-time 3 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy – 60%.</li> </ul> <p>Qualifying applicants will be required to prepare a prescribed portfolio and attend an interview. Some applicants may be required to attend a three-week “preparation to architectural technology” qualification course before registration.</p> <p><i>For more information on the creative portfolio and interview please phone (041) 504 9928.</i></p>	<p>The field of expertise of architectural technologists is mainly construction methods, materials, the preparation of drawings and graphic presentations and the design of small buildings such as houses.</p> <p>Employment opportunities exist with architectural practices, government institutions and property developers, or as self-employed consultants.</p> <p>The programme leads to registration as professional architectural technologists with the South African Council for the Architectural Profession who will require a two-year “candidacy” period followed by a qualifying exam. They can also follow postgraduate studies in related fields such as town planning.</p>

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Interior Design)</b>	<p>The programme aims to produce interior designers who will be competent to design the working spaces or living environments of people so that they are more efficient, comfortable, and aesthetically pleasing. The focus is on the re-use of existing buildings or installations in new buildings of a variety of types but most particularly the commercial field.</p> <p>Design exercises are augmented by the study of interior design theory, history of interior design, soft furnishings, marketing, retail design, shop fitting, space planning and related construction technologies and building services. Design trends across the spectrum of design disciplines and the latest developments in design thinking are covered in detail.</p>	Full-time 3 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Admission is subject to departmental selection.</li> </ul> <p><b>RECOMMENDED NSC SUBJECTS:</b></p> <ul style="list-style-type: none"> <li>Visual Arts</li> <li>Design</li> </ul> <p><i>Neither of these two subjects are prerequisites for admission.</i></p> <p><i>For more information on the creative portfolio and interview please phone (041) 504 9928.</i></p>	Employment opportunities for interior designers exist with interior design firms, architectural practices, furniture manufacturers and suppliers and property developers, or as self-employed consultants.
<b>Advanced Diploma (AdvDip)</b>							
<b>Advanced Diploma (Architectural Design)</b>	<p>This design-focused course is aimed at students who wish to either transfer to the architectural programme by continuing with the one-year BAS Honours degree, and one-year MArch (Professional) degree, or who intend to (with some experience) practice independently as professional senior architectural technologists.</p> <p>The design component of the course is run concurrently with the BAS Design III class. Those who achieve the required 60% in Design may then register for the BAS Honours degree programme.</p>	Full-time 1 year Part-time 2 years	–	–	–	<p>Applicants who hold a Dip (Architectural Technology) from Nelson Mandela University with:</p> <ul style="list-style-type: none"> <li>An average of 70% for Principles of Architectural Design III (final mark) and 65% as the average of the final marks for Studio Work II and III and Construction and Detailing II and III.</li> <li>Applicants who do not qualify in terms of the above requirements are required to write an entrance examination set and evaluated by the Department of Architectural Technology and Interior Design.</li> <li>Applicants who hold a Dip (Architectural Technology) or a first degree in architecture from another accredited tertiary institution must sit for the entrance examination referred to in the point above.</li> </ul>	The field of expertise of architectural technologists is mainly construction methods, materials, the preparation of drawings and graphic presentations and the design of small and intermediate buildings. Employment opportunities exist with architectural practices, government institutions and property developers, or as self-employed consultants.

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Advanced Diploma (Architectural Design)</b> (continued)							The programme leads to registration as a professional senior architectural technologist with the South African Council for the Architectural Profession who will require a two year 'candidacy' period followed by a qualifying exam. They can also follow postgraduate studies in Architectural Technology or related fields such as town planning.
<b>Advanced Diploma (Architectural Technology)</b>	<p>This qualification aims to produce senior architectural technologists who will be competent to design at the intermediate level, and with the aid of the latest electronic tools, perform and control the technical aspects of architectural practice at an advanced level.</p> <p>While design forms an integral part of the course the focus remains on the practical/ technological aspects of architectural practice. This includes an emphasis on "green design" and the particular needs of developmental communities.</p>	Full-time 1 year Part-time 2 years	–	–	–	<p>Applicants who hold a Dip (Architectural Technology) from Nelson Mandela University with:</p> <ul style="list-style-type: none"> <li>An average of 65% for Principles of Architectural Design III (final mark) and, 65% as the average of the final marks for: Studio Work II and III, and Construction and Detailing II and III. Applicants who do not qualify in terms of the requirements stated above are required to write an entrance exam.</li> <li>Applicants who hold a Dip (Architectural Technology) or a first degree in Architecture from another accredited tertiary institution must sit for the entrance examination referred to in the point above.</li> </ul>	<p>The field of expertise of architectural technologists is mainly construction methods, materials, the preparation of drawings and graphic presentations and the design of small and intermediate buildings.</p> <p>The programme leads to registration as professional senior architectural technologists with the South African Council for the Architectural Profession. (SACAP) who will require a two-year 'candidacy' period followed by a qualifying exam.</p> <p>As such they can work in architects' offices, the public sector or with property developers. They may also choose to practice independently.</p>

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Advanced Diploma (Interior Design)</b>	This programme aims to prepare senior interior designers for larger projects. This design-focused course aims to produce senior interior designers who can, with some experience, practice independently as part of the team of consultants responsible for major new and adaptive re-use projects. A four-year qualification is the international pre-requisite for practice in interior design.	Full-time 1 year Part-time 2 years	–	–	–	<p>Applicants who hold a Dip (Interior Design) from Nelson Mandela University:</p> <ul style="list-style-type: none"> <li>A final mark of at least 65% for each of the following modules: Interior Design III, Design Technology III, Design Theory III.</li> <li>Applicants who don't qualify in terms of the above point are required to write an entrance examination set and evaluated by the Department of Architecture and Interior Design in conjunction with the external moderator(s) for the modules Interior Design IV and Design Technology IV.</li> <li>Students from other institutions or programmes may be required to complete certain pre-diploma modules as part of their course.</li> </ul>	Employment opportunities exist with interior design firms, architectural practices, furniture manufacturers and suppliers and property developers, or as self-employed consultants.
<b>Bachelor of Architectural Studies (BAS)</b>							
<b>BAS (Architecture)</b>	<p>The Department of Architecture's professional programme is structured as follows: a three-year Bachelor's degree in Architectural Studies (BAS), followed by a one-year BAS (Honours) degree and a one-year MArch (Prof) degree in Architecture thereafter.</p> <p>Once you have completed your BAS degree, should you decide not to proceed further, and complying with the South African Council for the Architectural Profession's (SACAP) practical training and exam requirements, you can register as an architectural technologist. Should you also complete your BAS (Honours) studies and comply with the South African Council for the Architectural Profession's (SACAP) practical training and exam requirements, you can register as a senior architectural technologist.</p>	BAS Full-time 3 years plus BAS Hons Full-time 1 year plus MArch (Prof) Full-time 1 year	370	–	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics – 55%.</li> <li>Selection is based on the submission of a creative portfolio to the department, an interview with the selection committee of the department and a discussion with them about your creative portfolio.</li> </ul> <p><i>For more information on the creative portfolio and interview, please contact 041 504 2719.</i></p>	<p>Architects are involved in the creation of buildings in the built environment. The architect applies creativity and critical thinking skills to a range of activities related to the design and production of this environment.</p> <p>These activities include: the development of conceptual strategies that respond to an understanding of the various aspects of the project context, the drawing and modelling of design proposals that are developed from this understanding, and the production and management of technical details, contractual agreements and teams of people related to the realisation of projects as physical buildings.</p>

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Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BAS (Architecture)</b> (continued)	<p>Only once you have completed the MArch (Professional) degree and have complied with SACAP's practical training requirements and exam requirements, will you be able to register as a professional architect.</p> <p>The Architectural programmes are SACAP (South African Council for the Architectural Profession) and CAA (Commonwealth Association of Architects) accredited.</p> <p><b>Please note:</b> Prospective students will only be notified by the admissions office of the outcome of their application once they have met with the department to discuss their portfolio and interviewed for a place in the BAS degree.</p>						

### SCHOOL OF THE BUILT ENVIRONMENT AND CIVIL ENGINEERING

Diploma (Dip)							
<b>Dip (Building)</b>	<p>The Building and Construction Industry is a dynamic industry with many opportunities for self-motivated and hardworking people. The industry is becoming more technically sophisticated and computerised industry which has resulted in a growing demand for suitably trained professionals.</p> <p>This course deals with the methods, materials and techniques used in the construction industry. Two years of this three-year programme are spent doing full-time study at the university, and one year in industry undergoing experiential learning.</p> <p><b>Please note:</b> As a limited number of students can be admitted, admission is subject to selection based on academic merit. The selection is undertaken by the Department of Building and Human Settlement Development.</p>	Full-time 3 years	330	330	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 45%.</li> </ul> <p><b>Recommended NSC/IEB Subjects:</b></p> <ul style="list-style-type: none"> <li>Physical Sciences</li> <li>Business Economics</li> <li>Accounting</li> <li>Civil Technology</li> </ul>	This programme prepares diplomats for supervisory and middle management level employment in the building industry; and technical support level in the quantity surveying profession.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Advanced Diploma (AdvDip)							
AdvDip (Quantity Surveying)	To provide students with more advanced knowledge in the Quantity Surveying discipline and the ability to apply that knowledge, skills, and values to make a meaningful contribution to the economy and national development by ensuring optimal utilisation of resources.	Full-time 1 year. Studies may be completed over 2 academic years in consultation with the Head of Department.	–	–	–	<ul style="list-style-type: none"><li>Diploma: Building (360 NQF credits), or a qualification deemed equivalent by the department and approved by the Faculty Management Committee (FMC).</li><li>It is further expected of students to comply with the following additional requirements: a weighted average of 60% in the final year of study in the diploma. Students must also obtain at least 60% for the core module (Quantity Surveying) in the final year of study for entry into the Advanced Diploma programme.</li></ul> <p><b>Alternatively:</b> Students obtaining (55% - 59%) in either of the above criteria must submit a detailed breakdown of two years' proven post-diploma experience, under the auspices of a mentor professionally registered with either the SACPCMP, SACQSP, or a relevant Built Environment Professional Body, as well as periods of employment, certified by the relevant company.</p>	<p>Employment opportunities exist mostly with construction companies, quantity surveying firms, financial institutions, local authorities, and state departments.</p> <p>Graduates could also be considered for middle management in the built environment sector and would be eligible to register as candidate quantity surveyors with the South African Council for the Quantity Surveying Profession (SACQSP).</p>
AdvDip (Construction Management)	The purpose of the qualification is to equip students with more advanced knowledge in the Construction Management discipline and the ability to apply that knowledge, skills and values to make a meaningful contribution to the economy and national development by ensuring optimal utilisation of resources.	Full-time 1 year. Studies may also be completed over 2 academic years in consultation with the Head of Department.	–	–	–	<ul style="list-style-type: none"><li>Diploma: Building (360 NQF credits) or a qualification deemed equivalent by the department and approved by the Faculty Management Committee (FMC).</li><li>It is further expected of students to comply with the following requirements: a weighted average of 60% in the final year of study in the diploma. Students must also obtain at least 60% for the core module (Construction Management) in the final year of study in the Diploma for entry into the Advanced Diploma programme.</li></ul>	<p>Employment opportunities exist mostly with private building contractors as well as with local authorities and state departments.</p> <p>Graduates could also be considered for middle management in the built environment and would be eligible to register as candidate project or construction managers with the South African Council for the Project and Construction Management Profession (SACPCMP).</p>

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>AdvDip (Construction Management)</b> (continued)						<b>Alternatively:</b> <ul style="list-style-type: none"> <li>Students obtaining (55% - 59%) in either of the above criteria must submit a detailed breakdown of two years' proven post-diploma experience, under the auspices of a mentor professionally registered with either the SACPCMP, SACQSP, or a relevant Built Environment Professional Body), as well as periods of employment, certified by the relevant company.</li> </ul>	
<b>Bachelor of Science (BSc)</b>							
<b>BSc: Construction Economics (Quantity Surveying with Financial and Business Management)</b>	<p>Students are introduced to the following fields of expertise related to the quantity surveying profession and construction industry: construction methods and materials; costs of various construction elements and components; the influence of the economy on the industry; rights and obligations of different parties; the use of computers and the principles of entrepreneurial success; personal and professional ethics; and general professional practice and management.</p> <p><b>Take note:</b> The BSc (Construction Economics) is followed by the BSc Honours (Quantity Surveying) in order to develop the additional expertise needed to register as a candidate quantity surveyor with the South African Council for the Quantity Surveying Profession.</p>	Full-time 3 years	370	–	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics – 55%.</li> </ul> <p><b>Recommended NSC/IEB Subjects:</b></p> <ul style="list-style-type: none"> <li>Engineering Graphics &amp; Design</li> <li>Physical Science</li> </ul> <p><b>Please note:</b> As a limited number of students can be admitted, admission is subject to departmental selection based on academic merit.</p>	<p>Quantity Surveyors act as financial consultants on construction and property development projects.</p> <p>In addition to working as consultants in private practice, quantity surveyors' skills are also utilised in areas such as civil engineering construction, facilities management, mining, government administration, advising on property finance and conducting research at Tertiary Institutions.</p>
<b>BSc (Construction Studies)</b>	This programme enables graduates to perform technical, supervision and operational and middle management functions in small to large construction-related enterprises, as employees or as entrepreneurs.	<b>Full-time 3 years</b>	370	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 55%</li> </ul> <p><b>Recommended NSC/IEB Subjects:</b></p> <ul style="list-style-type: none"> <li>Engineering Graphics &amp; Design</li> <li>Physical Science</li> </ul>	Graduates find employment in construction enterprises as site agents, site managers, contract managers, estimators, planners, managers, and directors.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BSc (Construction Studies)</b> (continued)	They will obtain knowledge and skills in the areas of construction materials, methods and management, accounting, economics and the measurement and quantification of construction resources.  <b>Take note:</b> After completing the BSc (Construction Studies) graduates should enrol for the BSc Honours (Construction Management) in order to register as a candidate construction manager with the South African Council for the Construction and Project Management Professions upon graduating.						Career opportunities also exist in materials manufacture and marketing, property management, property development, facilities management, subcontracting, specialist consulting, project management, lecturing and research.
<b>Bachelor of Human Settlement Development (BHSD)</b>							
<b>BHSD (Human Settlement Development)</b>	This programme will provide students with professional skills and knowledge appropriate to a range of employment opportunities associated with human settlement development and management. Students will also be required to complete four months (one month per year) of work integrated learning (WIL) during recess period (with mentors).	Full-time 4 years Part-time 6 years	370	370	385	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 50%, <b>or</b> Mathematical Literacy – 70%.</li> </ul>	Graduates are employed by managing organisations and developing and implementing human settlement policy, strategies, programmes, and projects in the public and private sectors.
<b>Bachelor of Engineering Technology (BEng Tech)</b>							
<b>BEngTech (Civil Engineering)</b>	Civil Engineering focuses on the design, construction and maintenance of infrastructure within the built and natural environments, including roads, bridges, canals, dams, sewerage systems, water and storm water pipelines and structural components of buildings.	Full-time 3 years	370	370	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 60%.</li> <li>Physical Sciences or Technical Science – 50%.</li> </ul> <p><b>Alternatively:</b> A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics (MAT1011)</p>	Civil Engineering Technologists are required locally and internationally within public and private sectors such as governmental agencies, municipalities, construction companies and consultants.

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Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BEng Tech (Civil Engineering)</b> (continued)	Civil Engineering Technologists are trained to design safe structures with maintenance, efficiency, and other economic concerns in mind, in order to increase the quality of life for present and future generations.						Their work may include aspects of public works such as transportation, water treatment, government buildings, public facilities, airports and train stations, and other large-scale private construction projects.
<b>SCHOOL OF INFORMATION TECHNOLOGY</b>							
<b>Higher Certificate (HCert)</b>							
<b>HCert: IT (User Support Services)*</b>  <i>*(also offered on the George Campus)</i>	With this qualification you can work as an entry-level technical or user-support position that spans a wide range of computing environments requiring support personnel.  <b>Please note:</b> An average of 60% for all modules at the exit level is required if an applicant wishes to proceed to the Diploma: IT (Support Services).	Full-time 1 year	290	290	305	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for higher certificate entry must be met.</li> <li>Mathematics or Technical Mathematics - 35%, <b>or</b></li> <li>Mathematical Literacy – 55%.</li> </ul>	IT Technician are responsible for troubleshooting computer problems, monitor computer processing systems, install software, and perform tests on computer equipment and programs. Technicians must also Respond in a timely manner to service issues and requests.
<b>Diploma (Dip)</b>							
<b>Dip: IT (Software Development)</b>	The purpose of this programme is to develop the IT knowledge and skills to create software that addresses business needs. There is a particular focus on using programming languages together with data and business analysis to design and implement the IT software solutions in contexts ranging from individual desktop applications to online client-server solutions.	Full-time 3 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics - 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul> <b>Recommended NSC/IEB subjects:</b> Computer Applications Technology <b>and/</b> <b>or</b> Information Technology	Software Developers write programs to solve business problems for small business as well as large corporates. This qualification provides the grounding for careers in Software Development or Application Systems Analysis. The trend today is to develop solutions through innovative Apps and Web Development.
<b>Dip: IT (Communication Networks)</b>	The Communication Networks stream focuses on integrating many technologies, ranging from communication network models and protocols, routing, switching, wireless networks, IoT, network virtualization and network automation to network security, cybersecurity and network programming.	Full-time 3 years	330	330	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics - 45%.</li> </ul> <b>Recommended NSC/IEB subjects:</b> Computer Applications Technology <b>and/or</b> Information Technology	The communication network specialist would typically play an integral role in network and communication infrastructure design for multidisciplinary environments. With the exponential growth in the telecommunications infrastructure worldwide, professionals in this field will play a major role in future developments.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip: IT (Support Services)</b>	The Support Services stream focuses on the day-to-day administration of the IT and networks infrastructure and support of the users reliant on this infrastructure.	Full-time 3 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul> <p><b>Recommended NSC/IEB subjects:</b></p> <ul style="list-style-type: none"> <li>Computer Applications Technology <b>and/or</b></li> <li>Information Technology.</li> </ul>	IT Support Services can be a demanding career and can involve anything from being the single IT guru in a small business to a highly skilled specialist (for example in computer networks) in a large support team for a major national or even international company.
<b>Bachelor of Information Technology (BIT)</b>							
<b>Bachelor of Information Technology (BIT)</b>	<p>The purpose of this programme is to develop Information Technology Professionals that are capable of identifying opportunities for the design of software and IT solutions to improve industry and society. This is accomplished by applying their system evaluation, consultancy, project management, programming and data and process modelling skills.</p> <p>In this programme students are exposed to IT environments for Health Informatics, Manufacturing or Marine Engineering.</p>	Full-time 3 years	370	370	–	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 50%.</li> </ul>	IT Professionals are high in demand locally and internationally. This qualification equips BIT graduates with the skills to design and develop new IT solutions ranging from web and mobile applications to cloud computing in various contexts from manufacturing to healthcare, and to support and improve existing IT systems. A BIT graduate is laying the foundation for such roles as Solution Architect, Information Technology Consultant, Systems Analyst and Chief Information Officer.
<b>Advanced Diploma (AdvDip)</b>							
<b>Advanced Diploma (Information Technology)</b>	The study of Information Technology (IT) at this level aims to address and equip students with advanced knowledge and skills in the Information Technology discipline. Students will be able to analyse, design and implement IT solutions to make meaningful contributions to the industry and national development, by ensuring optimal utilisation of IT resources.	Full-time 1 year	–	–	–	This qualification requires a minimum of 60% average in the final year of an appropriate Diploma in Information Technology. The particular subjects done in the Diploma will determine which subjects can be chosen in the Advanced Diploma.	Various career opportunities exist, depending on the subject specialisation selected. Student can choose to strengthen their existing knowledge and skills in either Networking, Software Development or User Support Management.

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# Faculty of Health Sciences



## School of Behavioural and Lifestyle Sciences

Department of Environmental Health  
Department of Psychology  
Department of Social Development Professions  
Department of Human Movement Science  
Department of Dietetics

## Schools of Clinical Care and Medicinal Sciences

Department of Nursing Sciences  
Department of Radiography  
Department of Emergency Medical Care  
Department of Medical Laboratory Sciences  
Department of Pharmacy

**Student Access & Enrolment Office**  
Port Elizabeth Campuses: 041 504 1111

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*Prospective student are advised to contact the Student Access & Enrolment Office prior to applying or refer to the faculty website and the prospectus for more information regarding any qualifications offered within the Faculty of Health Sciences.*





## SCHOOL OF BEHAVIOURAL AND LIFESTYLE SCIENCES

## Department of Environmental Health

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Environmental Health							
Bachelor of Environmental Health	Environmental Health Practitioners (EHPs) apply their skills to identify, assess and manage various risks to human health. They are able to evaluate the effectiveness and efficiency of control measures in order to make necessary improvements. In addition they will be able to apply research skills and interpret and apply legislation, regulations and policies related to environmental health and to advise/ educate role players on specific issues within their scope of practice.	Full-time 4 years	390	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 50%,</li><li>• Life Sciences – 50%,</li><li>• Physical Sciences – 50%,</li><li>• Admission is subject to departmental selection.</li></ul>	The Environmental Health Practitioner will function as a member of a multidisciplinary team of professionals. Graduates can be employed not only in the public sector as EHPs (in the national, provincial and local government departments), but also in the private sector as SHEQ and HACCP specialists (e.g. in the motor manufacturing, food and beverage, and engineering and construction industries).

## Department of Psychology

<b>BAPsych (Psychology)</b>	<p>This programme provides training for students who want to develop psychological knowledge and skills for use in people-oriented careers in helping settings as well as in business settings. It also provides the foundation from which a professional qualification in either clinical/counselling psychology or industrial &amp; organisational psychology can be built.</p> <p>The core modules cover the following broad areas: health psychology, gender and social psychology, traumatology, crosscultural psychology, neuropsychology, research methodology, relationship psychology, psychopathology, psychological assessment and intervention, career psychology, human resource management, organisational behaviour and consumer behaviour.</p>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy – 65%.</li> </ul>	Articulation into postgraduate and professional training in both clinical/ counselling psychology, industrial and organisational psychology. Opportunities in the field of people related careers, NGO sectors, childcare and lay counselling, human resource management as well as organisational development.
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Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BPsych: Counselling (Registered Counsellor)</b>	<p>This programme provides professional training in psychology and leads to registration as a registered counsellor with the Health Professions Council of South Africa (HPCSA).</p> <p>The skills acquired in this versatile programme may be applied in the following types of settings: health and wellness facilitation, family and marital relations, career development (guidance), educational assessment and intervention, industrial and organisational contexts.</p> <p>BPsych candidates will build on the foundation laid in their first two years of training. In the third and fourth year, theoretical and applied training will be complemented by a compulsory six-month practical internship where students will have to show proficiency in working within their chosen settings.</p> <p><b>Take Note:</b> Holders of this degree qualify for registration as registered counsellors with the Professional Board for Psychology of the Health Professions Council of South Africa provided that they pass an examination set by the Professional Board for Psychology.</p>	Full-time 4 years + internship of no less than 6 months	–	–	–	<ul style="list-style-type: none"> <li>Candidates must first be admitted to the BA (Psych) programme and complete 90% of the credits prescribed for the first two years of study before they can be considered for admission to the BPsych (Counselling).</li> </ul> <p>All candidates shall be subject to selection to be admitted to the third year of study. Academic progress (60% and above) and personality characteristics are considered. Those who are not selected will be able to continue with the BA (Psych) programme, and may qualify for selection after at least one further year of study for this degree.</p>	Registered counsellor in private practice, or working for government, community or non-governmental organisations, schools, academia, or in business and industry.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

## Department of Social Development Professions

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Arts (BA)							
BA (Youth Work)	<p>This degree is designed for school leavers as well as for adult learners who are already involved in youth work but do not have formal qualifications. The programme provides a combination of theoretical knowledge and practical skills, based on research into the challenges and learning needs of those working with the youth.</p> <p><b>Please note:</b> This course will only be offered if a minimum of 10 prospective applicants are admitted to the programme. Please consult the admissions office before applying.</p>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for degree entry must be met.</li><li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 65%.</li><li>Admission is subject to departmental selection.</li></ul>	Employment as a youth worker can be found with organisations such as the Red Cross, government departments, and non-governmental organisations, including welfare organisations, churches, community-based organisations, youth clubs and community centres.
Bachelor of Social Work (BSW)							
BSW (Social Work)	<p>Social work plays an important role in society, with the social worker helping people to overcome obstacles, ranging from family counselling, criminal offences, drug abuse, abuse or physical/mental disabilities.</p> <p>A social worker should be able to handle stress and act compassionately when dealing with others. This programme is made up of compulsory fundamental and core modules, as well as a choice of elective modules which can be selected according to the student's interests.</p> <p>Practical work is an integral part of the degree from second year level. Graduates qualify for registration as social workers with the Council for Social Service Professions.</p>	Full-time 4 years	350	350	365	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for degree entry must be met.</li><li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 65%.</li><li>Admission is subject to departmental selection.</li></ul> <p>Candidates must register as student social workers before commencing any of the practical or applied modules at community based organisations.</p>	There are employment opportunities for social workers in family and child welfare organisations, government departments such as health and welfare, prisons, hospitals, industry, the police and defence force, and organisations that work with issues such as mental health, disabilities and illnesses.

Department of Dietetics							
Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Science (BSc)							
BSc (Dietetics)	<p>With nutrition acknowledged as a key to the future of modern medicine, dietetics is one of the world's fastest-growing professions.</p> <p>The BSc (Dietetics) degree at Nelson Mandela University trains competent and ethical dietetics professionals who will contribute to the medical therapeutic, community nutrition and specialised food services sectors. Graduates are required to register with the Health Professional Council of South Africa (HPCSA) before they can practice as a Dietitian.</p>	Full-time 4 years	390	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 60%,</li><li>• Physical Sciences – 60%.</li></ul>	<p>Dietitians have become increasingly important in both the private and public sectors.</p> <p>They work in various settings:</p> <p><b>Private practice and therapeutic settings</b> They consult clients / patients on nutrition therapy and / or work in a hospital as part of a health care team. They can also have private practices with attention to sport, babies and/or senior citizens.</p> <p><b>Industry</b> They share their expertise by working in the field of health care, food or pharmaceutical industries.</p> <p><b>Community</b> They work in community health facilities providing nutrition therapy for specific health conditions; promote healthy eating and monitor and manage food services in institutions e.g. schools and homes for the aged.</p> <p><b>Food service management</b> They manage the provision of healthy and specialised diets in health care facilities, correctional services, welfare care facilities and schools.</p>

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Department of Human Movement Science							
Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Diploma (Dip)							
Dip (Sport Management)	<p>This programme equips students with the knowledge, attitudes and skills which are essential for a successful career in sport management.</p> <p>The programme also provides the opportunity for the students to fully realise their potential in the one sport in which they chose to specialise. Students are required to belong to a club of their specialist sport, approved by the Human Movement Science department, and to involve themselves in the administration of the club .</p> <p>Apart from the academic programme, students are expected to attend special courses and excursions and involve themselves in projects that are arranged for their benefit. These activities are not necessarily accommodated in the academic fee structure.</p>	Full-time 3 years	330	330	345	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for diploma entry must be met.</li><li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li><li>Active participation in competitive sport as approved by the department.</li><li>Preference will be given to students who have excelled in sport and/or who have extensive involvement in sport.</li></ul>	<p>The sport manager is involved in the management of sport and recreation facilities, events and services, to people who participate in sport and recreation for either leisure time or professional reasons.</p> <p>Career opportunities available include sport administrator, sport marketer, sport agent, sport manager, sport development officer, sport commentator, sport entrepreneur.</p>
Bachelor of Human Movement Science (BHMS)							
BHMS (Human Movement Science)	<p>This programme allows students to specialise in one of four different areas of human movement science, and to complement this with additional subjects such as business management, psychology or physiology, to suit their career plans.</p> <p><b>The four specialisation areas are:</b></p> <ul style="list-style-type: none"><li>Exercise science</li><li>Recreation</li><li>Sport management</li><li>Coaching science</li></ul>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for degree entry must be met.</li><li>Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy – 65%.</li><li>Candidates must pass a medical examination as required by the Department of Human Movement Science.</li></ul>	<p>Career opportunities include teaching, school and professional sport coaching, exercise and fitness instruction, sport management and recreation. National, provincial and local government as well as institutions such as universities and police services employ sport and recreation specialists and managers.</p>

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BHMS (Human Movement Science)</b> (continued)							The rapidly-growing fitness industry needs professionals such as personal trainers, instructors, and gym managers. There are also opportunities in sports marketing and promotions, sports journalism or commenting.
<b>Bachelor of Health Science in Biokinetics</b>							
<b>BHSc: Biokinetics</b>	<p>A Biokineticist is an exercise specialist who increases a person's physical condition and their quality of life by means of physical assessment and the prescription of healthy exercise habits.</p> <p>The Biokineticist is the newest member of the allied medical team who specialises in preventative medicine and final phase rehabilitation to improve the quality of life through movement.</p>	Full-time 4 years	370	370	385	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 50%, <b>or</b> Mathematical Literacy – 65%.</li> <li>Life Sciences – 50%</li> <li>Satisfactory medical report</li> </ul>	<p>The biokineticist is involved in managing a clinical practice in the private and/or public sector. They may be employed in schools to promote health and wellness through the use of physical activity programmes.</p> <p>Other job opportunities include national, provincial and local government departments, corporate wellness as well as in the imminent National Health Insurance initiative.</p>

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## SCHOOL OF CLINICAL CARE AND MEDICINAL SCIENCES

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	

## Department of Nursing Sciences

<b>Bachelor of Nursing</b>	<p>This programme prepares students to meet the unique needs of individual patients, families and communities as a professional nurse and midwife. Practical work is an integral part of this programme.</p> <p>The programme comprises lectures on campus and clinical practicals in nearby general, maternity and psychiatric hospitals, and in community health fields. Practical placements are arranged for students by the Department of Nursing Sciences. This is supplemented by clinical teaching in a clinical simulated laboratory and in actual patient situations.</p>	Full-time 4 years	370	–	385	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%, <b>or</b> Mathematical Literacy – 65%.</li> <li>Life Sciences – 60%.</li> <li>Physical Sciences – 50%.</li> <li>Students must be registered as student nurses with the South African Nursing Council.</li> <li>Students must submit a satisfactory medical report, on the prescribed form, before registration.</li> <li>All students must annually provide proof of professional indemnity insurance, before registration can be finalised.</li> </ul>	Professional nurses may work in private or public hospitals, comprehensive health care clinics, communities, or in private practice. South African registered nurses are not only in demand in this country, but are also sought after internationally.
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## Department of Radiography

## Bachelor of Radiography in Diagnostic (BRad)

<b>Bachelor of Radiography in Diagnostic (BRad)</b>	<p>This programme prepares students for the professional field of diagnostic radiography which entails the production of x-ray images of the human body in order to diagnose disease.</p> <p>The theoretical and practical components of the course are covered concurrently. The practical component is undertaken at an accredited training hospital. Graduates are required by law to undertake one year of community service.</p>	Full-time 4 years	390	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%,</li> <li>Life Sciences – 50%,</li> <li>Physical Sciences – 50%.</li> <li>Applicants must also be physically fit.</li> <li>Applicants referred for selection must submit a satisfactory medical report, on the prescribed form, to the Admission Office.</li> <li>Admission is subject to departmental selection.</li> </ul> <p>Final selection takes place in September and the successful applicants will be notified in writing by November.</p>	Diagnostic radiographer.
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Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Bachelor of Radiography in Diagnostic (BRad)</b> (continued)	This is a prerequisite for registration with the HPCSA as a radiographer.					A visit to an X-Ray department is a requirement for all successful applicants.	

## Department of Emergency Medical Care

### Bachelor of Emergency Medical Care (BEMC)

<b>Bachelor of Emergency Medical Care (BEMC)</b>	<p>This programme aims to develop eager individuals through facilitation of a strenuous learning experience, based on international best practice guidelines. Graduates will become highly skilled, knowledgeable and independent paramedics registered with the Health Professional Council of South Africa (HPCSA) as an Emergency Care Practitioner – the highest register for paramedics.</p> <p>The EMC programme aims to meet the needs of South Africa, by producing well balanced practitioners with a thorough understanding of rescue principles and advanced patient care in the most diverse and adverse conditions.</p>	Full-time 4 years	370	–	385	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 50% or Mathematical Literacy – 65%,</li> <li>• Life Sciences – 60%,</li> <li>• Physical Sciences – 50%.</li> </ul> <p><b>Selection of students:</b> Admission is subject to a departmental selection that includes an interview, a satisfactory flight medical report and a satisfactory physical assessment which includes an assessment of your basic swimming capacity, fitness level, fear of heights and claustrophobia.</p>	As a paramedic you may find employment in the following areas, whether local or international: provincial or state ambulance services, a training environment such as a college or university, aeromedical services, the military, event management services, the mining industry, VIP protection, medical retail, disaster relief.
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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Department of Medical Laboratory Sciences							
Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Health Science in Medical Laboratory Science							
<b>BHSc: Medical Laboratory Science</b>	<p>The programme prepares students for their profession as a Medical Laboratory Scientist and aims to facilitate training in the following disciplines:</p> <ul style="list-style-type: none"><li>• Clinical Chemistry (diagnostic biochemical analysis);</li><li>• Haematology (study of blood cells and blood diseases);</li><li>• Medical Microbiology (study of microorganisms);</li><li>• Clinical Pathology (combination of: clinical chemistry, haematology and microbiology);</li><li>• Cytology (study of normal and abnormal human cells);</li><li>• Histopathology (the study of normal and abnormal human tissues);</li><li>• Immunohematology (blood transfusion).</li></ul> <p>Students are required to complete a National Board Exam in their area of specialisation before they graduate and each student is required by law to register with the Health Professions Council of South Africa (HPCSA) as a student Medical Laboratory Scientist.</p>	Full-time 4 years	390	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 60%,</li><li>• Life Sciences – 50%,</li><li>• Physical Sciences – 50%.</li></ul> <p><b>Please note:</b> <i>Due to limited specialised laboratory space, admission is subject to departmental selection based on academic merit, and may furthermore include an interview and/or a practical assessment. A visit to a pathology laboratory is a requirement for all successful applicants.</i></p>	<p>Medical Laboratory Scientists are highly trained professionals that may be employed in various settings that include:</p> <p><b>Medical diagnostic laboratories</b> Private pathology practices, National Health Laboratory Services, blood transfusion services and forensic laboratories.</p> <p><b>Research institutions</b> Graduates may become involved in private and public medical research. Medical Research Council, National Institute for Communicable Diseases and National Research Laboratory.</p> <p><b>Industry</b> Quality control testing in pharmaceutical and food industries.</p>



Department of Pharmacy							
Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Pharmacy (BPharm)							
BPharm (Pharmacy)	<p>The programme covers four main subject areas:</p> <ul style="list-style-type: none"><li>Pharmacology and Applied Therapeutics,</li><li>Pharmaceutical Chemistry,</li><li>Pharmaceutics, and</li><li>Pharmacy Practice.</li></ul> <p>Research elective courses are offered in the final year of study. In order to register as a pharmacist with the South African Pharmacy Council, after obtaining the BPharm degree, students must successfully complete a one year internship and a one year compulsory community service.</p> <p>The internship year may be done in hospitals, community (retail) pharmacies, the pharmaceutical manufacturing industry, or in academia if continuing with postgraduate studies.</p>	Full-time 4 years	410	–	–	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for degree entry must be met.</li><li>Mathematics – 65%,</li><li>Physical Sciences – 65%.</li></ul> <p><b>SELECTION OF STUDENTS</b></p> <ul style="list-style-type: none"><li>Places are limited, and admission is subject to departmental selection.</li><li>Candidates shall be selected on merit during the year preceding the first year of study.</li><li>Admission selection will be applied through a process approved by the Faculty Management Committee.</li></ul> <p>For more information on this selection process, please refer to the Faculty of Health Sciences prospectus.</p>	<p>As experts in medicines, pharmacists are responsible for the manufacture and distribution of medicines used to treat and prevent disease in people and animals. Pharmacists are employed in, and often own, community (retail) pharmacies. In hospital pharmacies, they dispense medicines and review their use, while in the pharmaceutical manufacturing industry they make test and market medicinal products. Educational institutions also employ pharmacy graduates as lecturers and researchers.</p>

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

# Faculty of Humanities



## School of Visual and Performing Arts

Department of Music & Performing Arts  
Department of Visual Arts

## School of Language, Media and Communication

Department of Applied Language Studies  
Department of Media and Communication  
Department of Language & Literature

## School of Government and Social Sciences

Department of Public Management & Leadership  
Department of Political and Conflict Studies  
Department of Sociology & Anthropology

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# School of Visual and Performing Arts

## VISUAL ARTS

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements *				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Visual Art (BVA)							
Bachelor of Visual Art (BVA)	<p>The Bachelor of Visual Arts begins with a generic first year of study. On successful completion of this year students apply for selection into either the Fine Art or the Design stream.</p> <p>The first-year programme provides a broad base of skills and competencies that includes visual literacy, creative problem solving, design skills, sound drafting skills, some technical and technological proficiency; the ability to work in an extended range of media, both traditional and non- traditional, and appropriate experience at developing concepts and realising these in both two- and three-dimensional form; the ability to function as part of a team and the ability to articulate concepts both visually and verbally.</p> <p><b>The Design streams include:</b></p> <ul style="list-style-type: none"><li>• Fashion and Textiles</li><li>• Graphic Design</li><li>• Photography</li></ul> <p><b>The Fine Art streams include:</b></p> <ul style="list-style-type: none"><li>• Drawing</li><li>• Ceramics</li><li>• Painting</li><li>• Printmaking</li><li>• Sculpture</li></ul>	Full-time 1 year plus Full-time 2 years	350	350	365	<ul style="list-style-type: none"><li>• Minimum statutory NSC requirements for degree entry must be met.</li><li>• Qualifying applicants will be required to prepare a prescribed portfolio, and attend an interview. Numbers are limited for this programme. The portfolio is the leading indicator.</li></ul> <p><b>RECOMMENDED NSC/IEB SUBJECTS:</b></p> <ul style="list-style-type: none"><li>• Visual Arts</li><li>• Design</li></ul> <p><i>Neither of these two subjects are prerequisites for admission.</i></p>	See the relevant discipline fields overleaf.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Design stream							
BVA (Fashion and Textiles)	<p>Enabling students to function within the wide parameters of the world of fashion, equipping them with the ability to adapt to the fast-changing needs of the clothing and fashion industry, and providing a range of textile knowledge are the objectives of this programme. It allows the student flexibility to respond readily to the fashion or textile influences. Individual design and product development constitutes a major part of the studies, with personal style being strongly encouraged throughout the course.</p> <p>The programme allows the student to explore interest areas of a specialised nature including formal design and merchandising as it relates to the fashion, interiors and textile industry or technological innovation with regards to hi-tech fibres, knitting and weaving systems.</p>	Full-time 2 years	–	–	–	<p>Only after successfully completing the <b>generic first-year programme</b> are students considered for placement in the second year of the degree programme.</p> <p>The student must attend an interview and submit an interview portfolio of relevant first-year work appropriate to their proposed area of specialisation. Admission to the student's desired area of specialisation is not guaranteed and so it is recommended that students interview for more than one area of specialisation.</p>	<p>Clothing designer (for haute couture, ready- to-wear or mass market), pattern maker, theatre designer, fashion illustrator, fashion marketer or entrepreneur (involved in buying, merchandising, co-ordination and styling for magazines, newspapers and fashion industrial publications) Textile designer in the formal and informal industry, stylist, co-ordinator of textiles, crafter or entrepreneur, consultant, trend forecaster, researcher or teacher.</p>
BVA (Graphic Design)	<p>This programme enables students to develop creative approaches to solving graphic communication problems. The programme also provides students with comprehensive training that will equip them to establish their own business and to find productive employment as designers in advertising, publishing, packaging, and related fields within commerce and industry.</p>	Full-time 2 years	–	–	–	<p>Only after successfully completing the <b>generic first-year programme</b> are students considered for placement in the second year of the degree programme.</p> <p>The student must attend an interview and submit an interview portfolio of relevant first-year work appropriate to their proposed area of specialisation. Admission to the student's desired area of specialisation is not guaranteed and so it is recommended that students interview for more than one area of specialisation.</p>	<p>Graphic designers may find employment with advertising agencies, design studios, repro companies, TV stations, signage companies, web developers, packaging, illustration and animation houses. They may go into partnership with an experienced designer, work freelance or establish an independent business.</p>

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BVA (Photography)</b>	This programme equips students with a comprehensive knowledge of photographic or imaging processes, materials and apparatus, through hands-on experience in the field, studio or on professional assignment.	Full-time 2 years	–	–	–	<p>Only after successfully completing the <b>generic first-year programme</b> are students considered for placement in the second year of the degree programme.</p> <p>The student must attend an interview and submit an interview portfolio of relevant first-year work appropriate to their proposed area of specialisation. Admission to the student's desired area of specialisation is not guaranteed and so it is recommended that students interview for more than one area of specialisation.</p>	Careers in commercial, fashion or advertising photography; photo finishing industries, publishing and journalism, film and video production, digital imaging technology or freelancing.
<b>Fine Art stream</b>							
<b>BVA (Fine Art)</b>	<p>This programme offers training in the following disciplines:</p> <ul style="list-style-type: none"> <li>• Sculpture</li> <li>• Painting</li> <li>• Printmaking</li> <li>• Drawing (visualisation techniques)</li> <li>• Ceramics</li> </ul> <p>The student may select two of these specialisations. Together with drawing, professional practice and art theory the accent is on research, creative practice problem solving and process skills essential for contemporary art production.</p> <p>Training in small business management, basic marketing skills, personal and professional time management, as well as communication skills is an integral aspect of the programme.</p>	Full-time 2 years	–	–	–	<p>Only after successfully completing the <b>generic first-year programme</b> are students considered for placement in the second year of the degree programme.</p> <p>The student must attend an interview and submit an interview portfolio of relevant first-year work appropriate to their proposed area of specialisation. Admission to the student's desired area of specialisation is not guaranteed and so it is recommended that students interview for more than one area of specialisation.</p>	Professional artist, animator, entrepreneur, designer, illustrator, model-maker in the theatre, television and film industry, marketing and sales representative in the arts sector, curator, conservation and display expert in the museum and gallery sector, craftsperson, teacher and lecturer.

MUSIC & PERFORMING ARTS							
Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Diploma in Music (Curriculum 2)</b>	<p>This programme is designed for students who <b>do</b> have prior learning in music, but who do not qualify for entry to degree studies, or who, in the opinion of the head of department, do not yet meet the practical and theoretical entrance requirements for the BMus degree. However, on completion of this diploma they may vertically articulate to the BMus, retaining a maximum of 180 credits already attained in the DipMus.</p> <p>It comprises compulsory modules in main instrument, music theory, aural development, music history, and music teaching methodologies, in addition to which it offers a wide variety of elective modules, including a second instrument, choral music studies, orchestration, music technology, and many more.</p>	Full-time 3 years	290	290	305	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li> <li>Admission is subject to an audition in the candidate's chosen First Instrument, during which vocal or instrumental musical performance ability must be successfully demonstrated.</li> <li>A minimum standard of musical performance equivalent to grade 2 of the external examining bodies for music (Unisa, ABRSM, Trinity Guildhall) is required for admission to First Instrument: Intermediate, and a minimum standard of musical performance equivalent to grade 6 of the external examining bodies for music (Unisa, ABRSM, Trinity Guildhall) is required for admission to First Instrument: Advanced (MFPV101).</li> </ul>	Performer, composer, programme compiler, music journalist, arts administrator, music librarian or archivist, researcher.
<b>Diploma in Music (Curriculum 1)</b>	<p>This programme is focused on the adult beginner. Bridging courses in practical music, music theory and English language skills are offered. Specialisation is offered in either western art music or jazz.</p>	Full-time 3 years	290	290	305	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li> </ul>	Careers in private music teaching, music technology and choral conducting.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;  
 2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
 3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Diploma in Music (Curriculum 1)</b> (continued)	Successful students also have the opportunity to articulate to the BMus programme, provided admission requirements for practical music studies have been met. In so doing a maximum of 180 credits attained in the diploma may be retained towards the BMus degree.					<ul style="list-style-type: none"> <li>No prior formal music training is required.</li> <li>Admission is subject to departmental selection based on an audition in the candidate's chosen First Instrument, during which vocal or instrumental musical ability must be successfully demonstrated.</li> </ul>	
<b>Bachelor of Music (BMus)</b>							
<b>BMus (Music Education)</b>	The Music Education programme develops students' critical ability to analyse theories of music education, and equips them to apply effective teaching and learning strategies in music education.	Full-time 4 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> <li>Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required.</li> <li>Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard.</li> </ul>	Music teachers.
<b>BMus (Performing Arts)</b>	The Performing Arts programme equips learners with the ability to work as performing artists in a creative environment, and stylistic insight into the performance requirements of music.	Full-time 4 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> <li>Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required.</li> <li>Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard.</li> </ul>	Performing musicians (solo or ensemble).
<b>BMus (Music Technology)</b>	The Music Technology programme offers theoretical knowledge of the practice of music technology, and the skills to record, produce and programme music in a PC-based multi-track digital/analogue recording studio.	Full-time 4 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> <li>Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required.</li> </ul>	Music technologist, producer, arranger, composer, electro-acoustic musician, sound engineer, independent record label owner, acoustics and sound installation consultant, technology-enabled music teacher.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BMus (Music Technology)</b> (continueud)						<ul style="list-style-type: none"> <li>Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard.</li> </ul>	
<b>BMus (Interdisciplinary Studies)</b>	The interdisciplinary BMus option allows students to widen the scope of their degree by adding a second, non-music area of specialisation to their programme.	Full-time 4 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> <li>Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required.</li> <li>Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard.</li> </ul>	Performing artists, music teachers, various careers in the field of music technology. Various careers wherein the combination of music with a second, non-music area of specialisation is a requirement.
<b>BMus (General)</b>	In addition to a core curriculum of music subjects, the BMus General allows candidates a wide scope of elective options, both within and beyond the field of music.	Full-time 4 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> <li>If an applicant presents with Mathematical Literacy instead of Mathematics, additional modules may be added to the programme, which will extend the length of the programme.</li> <li>A minimum practical standard equivalent to Grade 6 of the external examining bodies is required for admission to the first module of First Instrument: Advanced.</li> <li>A minimum theoretical standard equivalent to Grade 5 of the external examining bodies is required for admission to the first module of Music Theory, Analysis and Aural Development.</li> </ul>	This curriculum is ideally suited to the versatile musician rather than to the musician who wishes to specialise in one particular area of music.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

## SCHOOL OF LANGUAGE, MEDIA AND COMMUNICATION

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Diploma (Dip)							
Dip (Public Relations Management)	<p>The programme is designed to equip candidates with the knowledge and skills needed to operate as professional public relations practitioners. The programme has been accredited with the Public Relations Institute of South Africa (PRISA).</p> <p>The programme also requires the student to undergo one year of experiential training in order to qualify for the diploma.</p>	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"><li>Minimum statutory NSC requirements for diploma entry must be met.</li><li>Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li><li>Applicants may also be provisionally admitted on the basis of work experience, age and maturity. Admission is at the discretion of the Head of Department.</li></ul>	Public relations practitioners will be able to perform a variety of tasks and functions, such as writing press releases, organising special events, liaising with the media, implementing internal and external communication programmes, lobbying, and conducting opinion research surveys. The list is endless, and will depend upon the kind of company or institution for which the practitioner chooses to work.
Advanced Diploma (AdvDip)							
AdvDip (Public Relations Management)	<p>The Advanced Diploma in Public Relations Management aims to fulfil the fundamental requirements of a practically-orientated PR programme. The qualification consists of six compulsory and interrelated modules. All modules contribute in an integrated fashion towards the intended outcomes. During the first semester, students will create and present a public relations strategy and plan to an industry problem; apply managerial principles to find a solution to an industry problem; and construct a digital media strategy based on tool functionality to solve such problems.</p>	Full-time 1 year (block release)	–	–	–	<p>Dip (Public Relations Management), or an equivalent qualification, with a final mark of at least 60% for the diploma is required. Applicants who wish to be admitted on the basis of recognition of prior learning, may be given recognition in terms of the University's RPL policy.</p>	<p>Mid-level management positions in corporate and/ or consultancy settings. Candidates should then, through work experience, be able to further him/herself in the corporate/consulting environment, to senior management status.</p> <p>Career opportunities include, but are not limited to: Public Relations Officer, Communications Officer, Corporate Communication Officer, Media Liaison, Brand Consultant.</p>



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>AdvDip (Public Relations Management)</b> (continued)	<p>During the second semester, students will present a critical analysis of the cultural and developmental communication practices of an organisation; create and present a measurement and evaluation plan for the proposed business; and design and present a business plan, complete with operational goals and objectives.</p> <p>Graduates will therefore be able to plan and develop communication campaigns on behalf of organisations, or alternatively act as specialised counsel in a consulting capacity.</p>						
<b>Bachelor of Arts (BA)</b>							
<b>BA</b>	<p>The programme is highly flexible and students can choose one of three possible streams:</p> <ul style="list-style-type: none"> <li>Two languages as majors;</li> <li>One language and one social sciences &amp; humanities as majors; <b>or</b></li> <li>Two social sciences &amp; humanities as majors.</li> </ul>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>60% pass in any NSC (Home or first additional language).</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	The Bachelor of Arts (BA) programme allows students to choose their subjects and tailor their studies to their interests, aptitudes and career plans. Students who major in teaching subjects can follow their BA degree with a one-year postgraduate certificate in education in order to qualify to teach at high school level.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;  
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BA</b> (continued)	<p><b>Students can choose two of the following disciplines:</b></p> <ul style="list-style-type: none"> <li>• Anthropology</li> <li>• Afrikaans</li> <li>• Business Management</li> <li>• Economics</li> <li>• English</li> <li>• English language studies</li> <li>• History</li> <li>• French</li> <li>• Geography</li> <li>• Industrial Psychology</li> <li>• isiXhosa</li> <li>• Philosophy</li> <li>• Political Studies</li> <li>• Psychology</li> <li>• Public Administration</li> <li>• Sociology</li> </ul> <p>Any other discipline may be taken as a core module, in consultation with the department and programme leader involved. The BA degree enables learners to develop communication, critical thinking and problem-solving skills that will make them flexible global players. The BA also opens up a wide variety of postgraduate study opportunities, allowing students to focus on a particular area and develop specialist expertise.</p>						
<b>BA (Media, Communication &amp; Culture)</b>	<p>The programme provides theoretical knowledge and practical skills in communications, arts and culture, language and literature, media and information technology.</p> <p>Graduates will have high levels of language competence, together with expertise in intercultural communication, practical skills for the communication industry, and the technical know-how to keep pace with the information superhighway.</p>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"> <li>• Minimum statutory NSC requirements for degree entry must be met.</li> <li>• 60% pass in any NSC (Home or 1st Additional language).</li> <li>• Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	Communication professionals in fields such as journalism and the mass media, video production, tourism, public relations, design, advertising and corporate communications.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BA (Media, Communication &amp; Culture)</b> <i>(continued)</i>	Courses offered vary from cultural studies (classical and contemporary) to advertising, design, film studies, newspaper and magazine writing. In addition students may take elective modules from subjects such as Languages (Afrikaans, English, isiXhosa and French), Philosophy, Web Design, Music Technology, Psychology and Marketing.						

## SCHOOL OF GOVERNMENT AND SOCIAL SCIENCES

### Diploma (Dip)

<b>Dip (Public Management)</b>	The programme trains students for a career in the public sector. The programme is designed in such a way that the student is equipped with administrative and management skills which are relevant for a career in the private and public sectors.	Full-time 3 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	Public managers can act as general, financial or personnel managers at central, provincial and local spheres of government, as well as in related public and parastatal institutions, including the private sector.
<b>Dip (Public Management)</b> Extended curriculum	<p>This programme provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for a career in either the private or public sectors.</p>	Full-time 4 years	290	290	305	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li> </ul>	See career opportunities above.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Advanced Diploma (AdvDip)							
<b>AdvDip (Public Administration &amp; Management)</b>	This programme aims to provide graduates with the necessary administrative and managerial skills and competencies needed to ensure the implementation of effective and efficient public services.	Full-time 1 year	–	–	–	<ul style="list-style-type: none"> <li>Diploma (Public Management) or equivalent qualification with an overall academic average of at least 60%, except if otherwise approved by the Head of Department and/or the Learning Programme Coordinator, in line with Faculty guidelines as approved by the Faculty Board.</li> <li>Candidates who have obtained an academic average between 55-60%, but who do have relevant work experience of at least two years', may be invited to an interview for possible admission.</li> </ul>	Public managers can act as general, financial or personnel managers at central, provincial and local spheres of government, as well as in related public and parastatal institutions, including the private sector.
Bachelor of Arts (BA)							
<b>BA</b>	<p>The School for Governmental &amp; Social Sciences offers students the opportunity to tailor their BA studies to their interests and career plans, focusing on subjects such as Political Science, Public Administration, Sociology, Anthropology, and/or History.</p> <p>Students can choose one of three possible streams:</p> <ul style="list-style-type: none"> <li>Two languages as majors;</li> <li>One language and one social sciences &amp; humanities as majors; or</li> <li>Two social sciences &amp; humanities as majors.</li> </ul> <p>The BA degree enables learners to develop communication, critical thinking and problem-solving skills that will make them flexible global players. The BA also opens up a wide variety of postgraduate study opportunities, allowing students to focus on a particular area and develop specialist expertise.</p> <p>The BA programme is highly flexible and students may also include other disciplines such as Psychology, Industrial Psychology, Philosophy, Geography or language studies.</p>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"> <li>Minimum statutory NSC requirements for degree entry must be met.</li> <li>60% pass in any NSC (Home or first additional language).</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	Anthropologist, historian, archivist, socio-cultural and culture-historical curator and consultant, cultural tourism, manager, teacher, trainer, negotiator/mediator, social and political analyst, researcher and academic.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Administration (BAdmin)							
<b>BAdmin (Public Administration)</b>	<p>The Bachelor of Administration (BAdmin) is a multi-faceted and comprehensive programme which aims to develop excellence in the practice and analysis of public administration, industrial psychology, sociology, business management, and political studies.</p> <p>Students may choose from one of four streams, according to their interests and planned career path. Public Administration is common to all four streams and learners choose an additional specialisation in Industrial Psychology, Sociology, Business Management or Political Studies.</p>	Full-time 3 years	350	350	365	<ul style="list-style-type: none"><li>• Minimum statutory NSC requirements for degree entry must be met.</li><li>• Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li></ul>	Depending on the area of specialisation, graduates will be equipped for careers in administrative and management divisions of the public and private sectors such as, facilitators, psychologists and human relations practitioners and in consultancy, entrepreneurship, non-government organisations and community-based organisations.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



# Faculty of Law



**Student Access & Enrolment Office**  
Port Elizabeth Campuses: 041 504 1111

[info@mandela.ac.za](mailto:info@mandela.ac.za)  
[law.mandela.ac.za](http://law.mandela.ac.za)

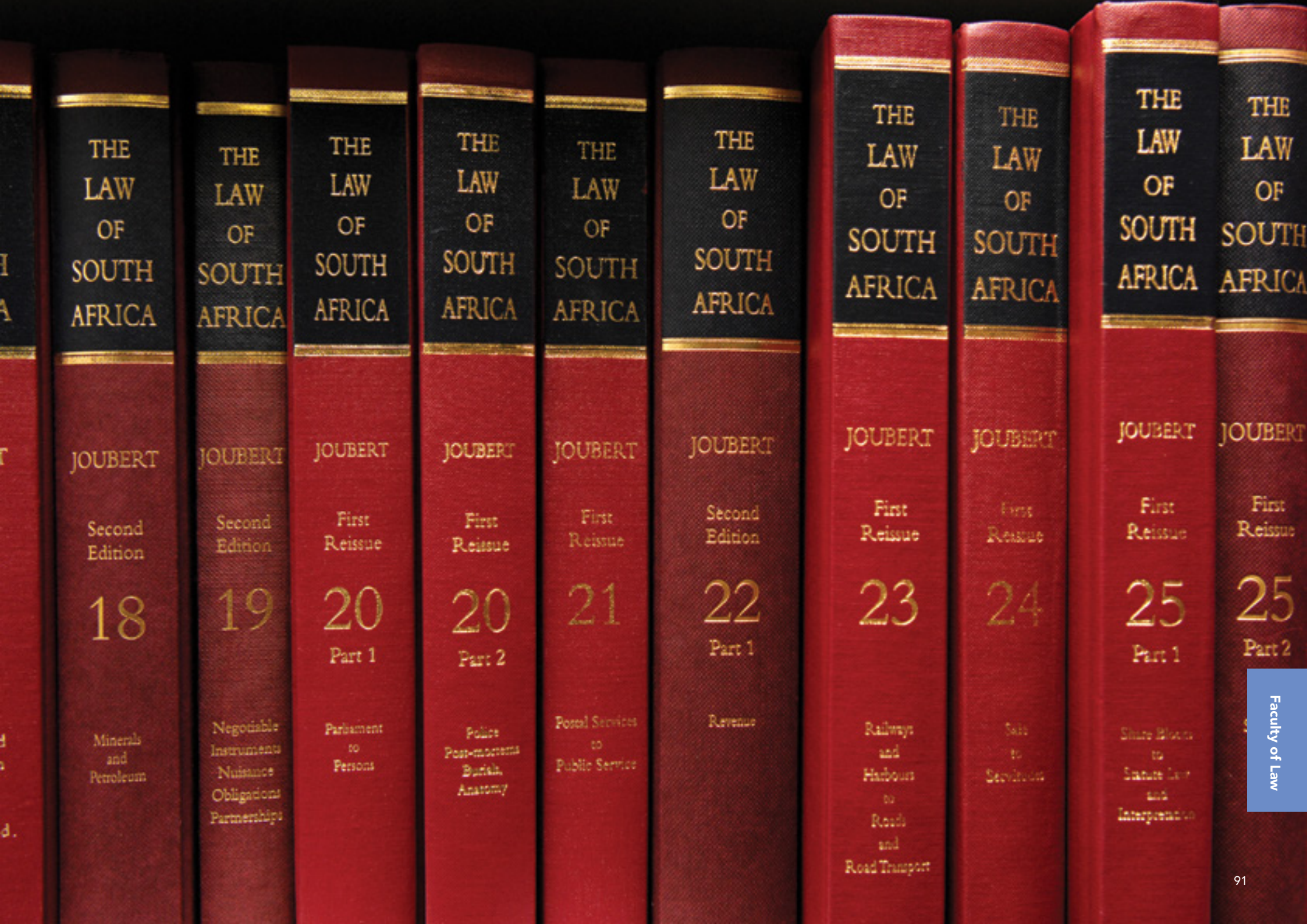
Department of Private Law

Department of Mercantile Law

Department of Criminal and Procedural Law

Department of Public Law

*Prospective students are advised to contact the Student Access & Enrolment Office or refer to the faculty website or prospectus for more information regarding any qualifications offered within the Faculty of Law.*



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Petroleum

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Instruments  
Nuisance  
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Burial  
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Postal Services  
to  
Public Service

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SOUTH  
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Part 1

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Railways  
and  
Harbours  
to  
Roads  
and  
Road Transport

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SOUTH  
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Sale  
to  
Servitors

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SOUTH  
AFRICA

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Part 1

Share Blocks  
to  
Statute Law  
and  
Interpretation

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LAW  
OF  
SOUTH  
AFRICA

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Reissue

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Part 2

Faculty of Law

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Higher Certificate (HCert)							
Higher Certificate (Criminal Justice)	<p>This programme aims to provide a vocational, industry-focused qualification that will equip students with the basic tools, knowledge and practical techniques required to perform their functions in terms of the Criminal Procedure Act and other specific legislation that may be enforced by officials in certain job categories.</p> <p><b>Please note</b> that this qualification does not provide direct access into the LLB, LLB (extended), BCom (Law) or the BA (Law).</p>	Full-time 1 year (block release)	310	310	325	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for higher certificate entry must be met.</li><li>English (home language) – 50%, or English (first additional language) – 55%.</li></ul>	Law enforcement officers in the following sectors: municipalities, Department of Forestry, Fisheries, SANParks, South African Police Services, metro police officers and correctional services.
Diploma (Dip)							
Dip (Law Enforcement)	<p>The programme aims to develop non-SAPS graduates in the non-SAPS law enforcement environment, to equip them with the knowledge, tools and techniques to enable them to perform their functions in terms of the Criminal Procedure Act and other legislation which grant powers of law enforcement to certain categories of officials.</p> <p><b>Please note</b> that this qualification does not provide direct access into the LLB, LLB (extended), BCom (Law) or the BA (Law).</p>	Full-time 3 years (block release)	330	330	345	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for diploma entry must be met.</li><li>English (home language) – 55%, <b>or</b> English (first additional language) – 60%.</li></ul> <p><b>Alternatively:</b> An average mark of at least 60% for the Higher Certificate in Criminal Justice. Admission is subject to departmental selection according to the guidelines/ criteria that will be approved by the Faculty Management Committee.</p>	Upon completion of the Diploma, students will be able to follow career paths in various areas of employment, including municipal law enforcement, building control, forestry, fisheries, SANParks and other environmental agencies, transport (rail and road) and many others.
Bachelor of Arts (BA)							
BA (Law)	<p>This programme will enable students to combine a major in Humanities with a major in Law. This will serve as sound preparation for a student who wishes to continue with a two-year LLB thereafter.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for degree entry must be met.</li><li>English (home language) – 65%, <b>or</b> English (first additional language) – 70%.</li><li>Mathematics – 50%.</li></ul>	On completion of this degree and a two-year LLB, students will have entry to all branches of the legal profession. Those planning to practice as legal practitioners must, after obtaining the LLB degree, follow it up with specialised practical training and a professional examination.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BA (Law)</b> (continued)	The BA (Law) provides an avenue for those who wish to position their legal education within a broad Humanities and Social Science context, with a major from disciplines such as political science, economics, psychology, French or communication studies.						There are also career opportunities in the civil service for public prosecutors and public defenders, while legal advisers are employed in business and government. Experienced legal practitioners may be appointed as magistrates or as judges of the High Court.
<b>Bachelor of Commerce (BCom)</b>							
<b>BCom (Law)</b>	<p>This curriculum caters for students planning a career in the business, commerce or legal profession.</p> <p>It combines law subjects with a major in Business Management, Accounting or Economics. After completing this curriculum, the student may register for a two-year LLB degree.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• English (home language) – 65% <b>or</b> English (first additional language) – 70%.</li> <li>• Mathematics – 60%.</li> </ul>	<p>Corporate legal advisor or upon completion of this degree and a two-year LLB, students will have entry to all branches of the legal profession. Those planning to practice as legal practitioners must, after obtaining the LLB degree, follow it up with specialised practical training and a professional examination.</p> <p>There are also career opportunities in the civil service for public prosecutors and public defenders, while legal advisers are employed in business and government. Experienced legal practitioners may be appointed as magistrates or as judges of the High Court.</p>

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Bachelor of Law (LLB)							
LLB (Law)	<p>The four-year undergraduate LLB is a career-focused programme that is now the standard national qualification for entrance to all branches of the legal profession.</p> <p>The programme is designed to ensure that graduates acquire both the legal knowledge and the skills to apply the law in practice.</p> <p>The Legal Skills and Practice courses provide students with some basic practical skills and an introduction to the legal work environment. In the fourth year, students may choose from a number of elective courses, allowing them to develop additional knowledge in areas such as environmental law, tax law, competition law, international humanitarian law and Moot Court.</p> <p><b>Practical experience:</b> The faculty's Law Clinic provides senior students with the opportunity to gain valuable practical experience by offering free legal services to members of the community. The faculty is also home to the Eastern Cape Street Law project, where students become involved in educating the public about their legal rights and responsibilities.</p>	Full-time 4 years	390	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• English (home language) – 65%, or English (first additional language) – 70%.</li><li>• Mathematics – 50%.</li></ul>	<p>The LLB degree offers entry to all branches of the legal profession. Those planning to practice as attorneys or advocates must after obtaining the LLB degree follow it up with specialized practical training and a professional examination.</p> <p>There are also career opportunities in the civil service for public prosecutors and public defenders, while legal advisers are employed in business and government. Experienced legal practitioners may be appointed as magistrates or as judges of the High Court. Persons with a law degree and some practical experience are also much in demand in a wide variety of positions outside normal legal practice.</p>



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>LLB</b> (Extended Curriculum)	<p>The extended curriculum programme for LLB studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the LLB degree.</p>	Full-time 5 years	370	370	385	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• English (home language) – 60%, <b>or</b> English (first additional language) – 65%.</li> <li>• Mathematics or Technical Mathematics – 45%, <b>or</b> Mathematical Literacy – 70%.</li> </ul>	<p>The LLB degree offers entry to all branches of the legal profession. Those planning to practice as legal practitioners must follow the LLB degree with specialised practical training and a professional examination.</p> <p>There are also career opportunities in the civil service for public prosecutors and public defenders, while legal advisers are employed in business and government.</p> <p>Experienced legal practitioners may be appointed as magistrates or as judges of the High Court. Persons with a law degree and some practical experience are also much in demand in a wide variety of positions outside normal legal practice.</p>

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;  
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

# Faculty of Science



**Student Access & Enrolment Office**  
Port Elizabeth Campuses: 041 504 1111  
George Campus: 044 801 5194

[info@mandela.ac.za](mailto:info@mandela.ac.za)  
[science.mandela.ac.za](http://science.mandela.ac.za)

## School of Biomolecular & Chemical Sciences

Department of Biochemistry and Microbiology  
Department of Chemistry  
Department of Textile Science  
Department of Physiology

## School of Computing Sciences, Mathematics, Physics and Statistics

Department of Computing Sciences  
Department of Mathematics & Applied Mathematics  
Department of Physics  
Department of Statistics

## School of Environmental Sciences

Department of Agriculture & Game Management  
Department of Botany  
Department of Geosciences (Geography & Geology)  
Department of Zoology

## George Campus

### School of Natural Resource Management

Agricultural Management  
Forestry  
Nature Conservation and Game Ranch Management  
Veldfire Management  
Wood Technology

*Prospective students are advised to contact the Student Access & Enrolment Office prior to applying or to refer to the faculty website or prospectus for more information regarding any qualifications offered within the Faculty of Science.*



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Diploma (Dip)							
<b>Dip (Agricultural Management) *</b>  <i>*(also offered on the George Campus)</i>	This diploma course teaches the problem solving and situation analysis skills needed to effectively manage an agricultural enterprise.	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for diploma entry must be met.</li><li>• Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%, and <b>one of the following subjects:</b></li><li>• Physical Sciences or Technical Science – 40%, <b>or</b> Life Sciences – 50%, <b>or</b> Agricultural Sciences – 55%.</li></ul> <b>RECOMMENDED NSC/IEB SUBJECTS:</b> Economics, Agricultural Management Practices, Agricultural Technology, Accounting, Life Sciences or Agricultural Sciences.	Work opportunities in agricultural management are to be found with cooperatives, chemical companies, on farms (as farm managers), in the civil service and with all companies that provide agricultural products or services.
<b>Dip (Analytical Chemistry)</b>	<p>This programme consists of two years full-time study at Nelson Mandela University, followed by one year of in-service training at a suitable laboratory.</p> <p>The study of Chemistry involves investigation, observation, measurement, critical thinking, problem solving and scientific reasoning. Chemistry being a central science is studied together with other related science disciplines. Practical lab work and theoretical studies form an essential part of chemistry programmes at this university.</p>	Full-time 3 years (including 1 year in-service training)	350	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for diploma entry must be met.</li><li>• Mathematics – 55%,</li><li>• Physical Sciences – 50%.</li></ul>	The work of an analytical chemist or chemical technician differs from one industry to another. It may range from analysing traces of pesticides in milk to determining manganese in steel or checking raw materials used in the making of chocolate. It may also involve checking the purity of solvents used for making paints or analysing pharmaceutical products. You could also, be involved in research or process development or oversee a laboratory.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Game Ranch Management) *</b> <i>*(also offered on the George Campus)</i>	<p>This programme includes thorough training in the fields of game science, game ranch ecology, game ranch management, game health management, soil science, rangeland studies, game utilisation and computer usage.</p> <p>Throughout the programme, compulsory tours and excursions to some of the country's top game parks and reserves as well as to meat processors and exporters are included to ensure that students receive maximum exposure to the game industry. Two years of study are spent at the university, and one year is spent in practice undergoing experiential training.</p>	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul>	Game ranchers work mainly on private game ranches, game farms and nature reserves. Opportunities are available to manage ecotourism ventures in national parks, provincial nature conservation departments, services councils and municipalities.
<b>Dip (Polymer Technology)</b>	<p>Polymer technology can be described in brief as the manufacture, processing, analysis and application of long chain molecules. Materials that are typically classified as polymers include: plastics, paints, rubber, foams, adhesives, sealants, varnishes etc.</p> <p>The programme includes in-depth training in chemistry, and engineering and manufacturing practices related to the field.</p>	Full-time 3 years (including 1 year in-service training)	350	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics – 55%,</li> <li>Physical Sciences – 50%.</li> </ul>	Employment opportunities exist in the motor manufacturing and related supply and service industries, such as paint, tyre and plastic-component industries.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;  
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Diploma (Chemical Process Technology)</b>	<p>The course is currently the only one of its kind in South Africa. Hands-on practical training includes training in the only working pilot chemical production facility at a South African university which provides for seamless intergradation into a real-life work environment.</p> <p>This qualification comprises a mixture of disciplinary-based courses in chemistry, physics, engineering, statistics, mathematics and computer technology. Apart from the formal course and practical work at the university's modern laboratories and Chemical Pilot Plant, the course also includes a six-month experience-based learning component in an industrial setting where skills and knowledge acquired at university are integrated and applied under real-life working conditions.</p>	Full-time 3 years	350	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics – 55%,</li> <li>Physical Sciences – 50%.</li> </ul> <p><b>Please note</b> that due to health and safety reasons, the chemical industry screens prospective employees for a medical history of asthma or lung diseases. Do not consider this qualification if you have had any previous medial illnesses like Asthma or any lung diseases.</p>	Chemical Process Technician. Graduates will be able to find quality employment in a wide variety of industries, nationally and internationally, as this education foundation is designed with industry participation to meet the needs of the chemical and petroleum industry.
<b>Advanced Diploma (Adv Dip)</b>							
<b>Advanced Diploma (Analytical Chemistry)</b>	<p>This qualification will equip students to obtain training in the more advanced and specialised field of analytical chemistry, that is related to instrumentation and laboratory organisation.</p> <p>Training will focus on developing skills on certain key instruments that are commonly used in the chemistry related industry.</p>	Full-time 1 year	–	–	–	<p>Dip (Analytical Chemistry) or BSc degree with chemistry as major or an equivalent qualification with chemistry or analytical chemistry as a major.</p> <p>Applicants should have passed his/her final undergraduate academic chemistry modules with at least 60% average on their first attempt. If the demand for the programme exceeds the allowed capacity, then a competitive entry will be used, based on academic merit. Where the first preference will be given to students with the highest marks from their final year academic chemistry modules.</p>	The skills the student will acquire during the qualification will enable them to become more employable in modern analytical laboratories within production and process chemical industries such as the petrochemical, mining, pharmaceutical, rubber/polymers, cement, catalysis, and government departments.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Advanced Diploma (Analytical Chemistry)</b> <i>(continued)</i>	Skills training will relate to equipping the potential analyst with the ability to plan, organize and execute complex analyses on specialised laboratory equipment, followed by the ability to deal with resultant data and the conversion and interpretation of the data to applied knowledge.					Mature students or those that do not qualify for the programme based on their initial lower entrance requirements can apply if they have worked in a related industry for at least one year after their undergraduate diploma or BSc qualification. Such applicants would then be considered for admission onto this programme by an interview process. The route of entry will be governed by the Nelson Mandela University policy on RPL.	These include amongst others forensics, the water board and university's technical departments. Graduates can further develop their skills by becoming specialists of certain techniques that can then work within the large industrial sector of analytical instrument suppliers or agencies.
<b>Advanced Diploma (Agricultural Management)*</b> <i>*(also offered on the George Campus)</i>	The programme equips students with in-depth knowledge and skills in the fields of animal production, plant production, financial management, leadership development and strategic management.	Full-time 1 year or block release 2 years	–	–	–	A relevant 360-credit Diploma in Agricultural Management or an equivalent qualification. Although not a requirement, it is regarded as desirable that an applicant has completed at least two years' applicable practical service after having graduated. Candidates will only be considered if their average pass mark for the diploma is at least 60%.	Work opportunities in agricultural management are to be found with cooperatives, chemical companies, on farms (as farm managers), in the civil service and with all companies that provide agricultural products or services.
<b>Advanced Diploma (Game Ranch Management)*</b> <i>*(also offered on the George Campus)</i>	The programme includes formal lectures, self-study and applied projects. The programme equips students with in-depth knowledge and skills in the fields of game science, game ranch management, game ranch economics, research methodology and strategic management.	Full-time 1 year or block release 2 years	–	–	–	A relevant 360-credit Diploma in Game Ranch Management or an equivalent qualification. Although not a requirement, it is regarded as desirable that an applicant has completed at least two years' applicable practical service after having graduated. Candidates will only be considered if their average pass mark for the diploma is at least 60%.	Game ranchers work mainly on private game ranches, game farms and nature reserves. Opportunities are available to manage eco-tourism ventures in national parks, provincial nature conservation departments, services councils and municipalities.
<b>Bachelor of Science (BSc)</b>							
<b>BSc (Biological Sciences)</b> <ul style="list-style-type: none"> <li>• Marine Biology</li> <li>• Conservation biology</li> <li>• Ecology</li> <li>• Environmental management &amp; Coastal zone Management</li> </ul>	BSc with majors in Botany and Zoology.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 60%.</li> </ul>	Career opportunities exist in the fields of marine biology, conservation biology, ecology, environmental management, and coastal management.

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2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BSc (Biological Sciences)</b> Extended Curriculum	<p>This programme for BSc studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BSc degree.</p>	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	<p>The BSc degree should be seen as a stepping-stone which provides a foundation for a career in science.</p> <p>Career opportunities may vary depending in which field you graduate and/or obtain a postgraduate qualification in.</p>
<b>BSc (Biochemistry, Chemistry, Microbiology &amp; Physiology)</b>	BSc with two majors chosen from Biochemistry, Chemistry, Microbiology & Physiology.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 60%.</li> </ul>	Career opportunities exist in industry (chemical, food, and biotechnological), teaching, research (medical, agriculture, chemistry, sport, and nutrition).
<b>BSc (Biochemistry, Chemistry, Microbiology &amp; Physiology)</b> Extended Curriculum	<p>This programme for BSc studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BSc degree.</p>	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	<p>The BSc degree should be seen as a stepping-stone which provides a foundation for a career in science.</p> <p>Career opportunities may vary depending in which field you graduate and/or obtain a postgraduate qualification in.</p>
<b>BSc (Environmental Sciences)</b>	BSc with two of the following majors: Geography, Geology, Botany, Zoology or Chemistry.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 60%.</li> </ul>	Various career opportunities exist in mining, water affairs, environmental affairs, as well as in consulting and civil engineering.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BSc (Environmental Sciences)</b> Extended Curriculum	This programme for BSc studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.  The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BSc degree.	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	The BSc degree should be seen as a stepping-stone which provides a foundation for a career in science. Career opportunities may vary depending in which field you graduate and/or obtain a postgraduate qualification in.
<b>BSc: Geosciences (Geology &amp; Geography)</b>	BSc with majors in Geography and Geology.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 60%.</li> </ul>	Graduates can follow careers as geographers or geologists. Various career opportunities exist in mining, research and exploration, water affairs, environmental management, as well as in environmental and geo-technical consulting and civil engineering.
<b>BSc: Geosciences (Geology &amp; Geography)</b> Extended Curriculum	This programme for BSc studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.  The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BSc degree.	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 50%.</li> </ul>	The BSc degree should be seen as a stepping-stone which provides a foundation for a career in science. Career opportunities may vary depending in which field you graduate and/or obtain a postgraduate qualification in.

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Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BSc (Computer Science)</b>	BSc with majors in Applied Mathematics, Computer Science, Mathematics and Mathematical Statistics.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 65%.</li> </ul>	Leads to a career in Industrial Mathematics which is the problem driven blend of Mathematics and Statistics that uses mathematical technologies to solve industrial problems. Industrial mathematics is an independent field which studies all mathematical methods that are directly relevant to industry.
	BSc with majors in Applied Mathematics, Computer Science, Mathematics, and Mathematical Statistics or Physics.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 65%.</li> </ul>	Leads to a career in Computational Physics which is the study and implementation of numerical algorithms in order to solve problems in physics for which a quantitative theory already exists.
	BSc with majors in Applied Mathematics, Mathematics, Mathematical Statistics, Physics and Computer Fundamentals.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 65%.</li> </ul>	This programme provides for a combination of the problem-solving skills and analytical thinking developed through physics and computer science which is an interface between science, technology, engineering, and business. Graduates can enter a variety of careers in business, banking, the government and the military.
	BSc with majors in Applied Mathematics, Computer Science, Mathematics and Physics.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 65%.</li> </ul>	This programme provides a powerful platform for entering a variety of employment opportunities in business.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BSc (Computer Science)</b> (continued)	BSc with majors in Computer Science, Mathematics and Statistics.	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 65%.</li> </ul>	Career opportunities exist in the field of Data Science, which includes careers such as Business Intelligence Analyst, Data Mining Engineer, Data Architect and Data Scientist.
<b>BSc (Physical Science &amp; Mathematics)</b>	<p>This BSc degree is based on the three cornerstone subjects in Science (Mathematics, Physics and Chemistry) and provides an excellent basis for postgraduate studies in these fields. Furthermore, it offers a sensible subject combination for persons wishing to teach physical science and/or mathematics up to senior secondary level</p> <p>This programme will also launch you into a postgraduate programme at Nelson Mandela University in solid state physics, electron microscopy, crystal growth, optical fibre studies and renewable energy; all with an emphasis on materials development.</p> <p>In addition, the programme provides a platform from which students can enter the field of materials science and engineering.</p> <p>Materials scientists develop and analyze various alloys, ceramics and other novel materials. As such they play an increasingly important role in adding value to the range of minerals mined in South Africa.</p>	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for degree entry must be met.</li> <li>Mathematics – 65%.</li> </ul>	Researcher, Scientist, Chemist, Mathematician, Physicist, Physical Science and/or Mathematics teacher.

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

# George Campus



## **Faculty of Business & Economic Sciences**

Accounting  
Business Management  
Business Studies  
Economics  
Management  
Marketing  
Tourism Management

## **Faculty of Engineering, the Built Environment & Technology**

Information Technology: User Support Services

## **Faculty of Science**

Agricultural Management  
Forestry  
Game Ranch Management  
Nature Conservation  
Veldfire Management  
Wood Technology

**Student Access & Enrolment Office**  
044 801 5194

george-info@mandela.ac.za  
**georgecampus.mandela.ac.za**

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## FACULTY OF SCIENCE

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Higher Certificate (HCert)							
<b>HCert (Veldfire Management)</b>	<p>This programme is designed to focus on technical as well as strategic and tactical aspects of veldfire management which are critical success factors when it comes to suppressing and preventing veldfires and protecting assets against veldfires.</p> <p>It complements the holistic management of natural resources and provides students with the relevant knowledge, theoretical and practical skills, experience and expertise demanded in the discipline of veldfire management.</p>	Full-time 1 year or Part-time 2 years (block release)	310	310	325	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for higher certificate entry must be met.</li><li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li></ul>	Students who have completed the programme will be competent to work as veldfire managers in government, municipalities, non-governmental organisations such as fire protection associations, as well as the organised forestry and conservation sector.
Diploma (Dip)							
<b>Dip (Agricultural Management)*</b>  <i>*(also offered in Port Elizabeth)</i>	<p>This programme consists of two years applied theoretical and one year experiential training. Students gain a sound grounding in animal and plant biology, ecology, financial management, human resource management, marketing, law and computer applications.</p> <p>During experiential training students work with experienced agri-business managers who act as role models and mentors in order to gain workplace experience and practical skills.</p>	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"><li>Minimum NSC statutory requirements for diploma entry must be met.</li><li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%, <b>and one of the following subjects:</b></li><li>Physical Sciences <b>or</b> Technical Science – 40%, <b>or</b> Life Sciences – 50%, <b>or</b> Agricultural Sciences – 55%.</li><li>Admission is subject to departmental selection.</li></ul>	Work opportunities in agricultural management are to be found with co-operatives, chemical companies, on farms (as farm managers), in the civil service and with all companies that provide agricultural products or services.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Agricultural Management)</b> Extended Curriculum	<p>This programme consists of three years of applied theoretical and one year experiential training. It provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the diploma in Agricultural Management.</p>	Full-time 4 years (including 1 year in-service training)	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%, <b>and one of the following subjects:</b></li> <li>Physical Sciences or Technical Science – 35%, <b>or</b> Life Sciences – 45%, <b>or</b> Agricultural Sciences – 50%.</li> <li>Admission is subject to departmental selection.</li> </ul>	See career opportunities on the opposite page.
<b>Dip (Forestry)</b>	<p>This programme consists of two years applied theoretical and one year experiential training. Students gain a sound grounding in all aspects pertaining to sustainable forest management, such as silviculture, forest management, forest engineering, cost &amp; management accounting, economics and environmental management.</p> <p>This foundation enables students to work in any field related to the global forestry industry. During experiential training, students work at an appropriate site in the industry with experienced foresters and/or forestry contractors acting as role models and mentors.</p> <p>The student gains invaluable technical experience, expanded work perspective and ingrained work ethics.</p>	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul> <p><b>RECOMMENDED NSC/IEB SUBJECTS:</b> Physical Sciences, Life Sciences</p>	Career opportunities exist at private and public forestry companies, pulpwood and mining timber growers, municipalities and other local authorities

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3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Forestry)</b> Extended Curriculum	<p>This programme consists of three years of applied theoretical and one year experiential training. It provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the diploma in Forestry.</p>	Full-time 4 years (including 1 year in-service training)	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	See career opportunities on the opposite page.
<b>Dip (Game Ranch Management) *</b> <i>*(also offered in Port Elizabeth)</i>	<p>The programme consists of two years theoretical and one year experiential training. During training, students gain a sound grounding in animal and plant biology, ecology and human, financial and natural resource management.</p> <p>Lodge management and client orientated communication skills are emphasised. Opportunities to attend specialised short courses are also available on an extra-curricular basis. During the practical experiential training year, students work with experienced game ranch managers who act as role models and mentors. In this manner the student gains an expanded work perspective and an ingrained work ethic.</p>	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> </ul>	Career opportunities are in ecotourism, sport hunting, game utilisation and related fields and will be mainly work on game farms and at game lodges.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Game Ranch Management)</b> Extended Curriculum	<p>This programme consists of three years of applied theoretical and one year experiential training. It provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the diploma in Game Ranch Management.</p>	Full-time 4 years (including 1 year in-service training)	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	See career opportunities on the previous page.
<b>Dip (Nature Conservation)</b>	<p>This programme consists of two years theoretical and one year experiential training. During theoretical training students gain a sound grounding in animal and plant biology, ecology and resource management of South African ecosystems.</p> <p>The increasing need for community programmes such as community conservation and environmental education are also covered. Weekly practical excursions supplement the theory. During experiential training students work with experienced conservators who act as role models and mentors. In this manner the student gains an expanded work perspective and an ingrained work ethic.</p>	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%, <b>and one of the following subjects:</b></li> <li>Physical Sciences or Technical Science – 40%, <b>or</b> Life Sciences – 50%.</li> <li>Admission is subject to departmental selection.</li> </ul>	Nature conservators and game conservators find career opportunities in extension work, conservation management on nature and game reserves and estates, parks, boards, provincial nature conservation departments, private nature reserves and regional services and councils, municipalities and forestry companies.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;  
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Nature Conservation)</b> Extended Curriculum	This programme consists of three years of applied theoretical and one year experiential training. It provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme. The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the diploma in Nature Conservation.	Full-time 4 years (including 1 year in-service training)	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%, <b>and</b></li> <li>Physical Sciences or Technical Science – 35%, <b>or</b></li> <li>Life Sciences – 45%.</li> </ul>	See career opportunities on the previous page.
<b>Dip (Wood Technology)</b>	This programme consists of two years theoretical and one year experiential training offered on campus and at an approved wood processing facility. The programme covers the whole spectrum of subjects related to the working industrial environment. The subjects are packed with new and relevant information as the industry grows. Class time is also interrupted with visits to primary and secondary wood processing plants to expose students to working environments and new technology.	Full-time 3 years (including 1 year in-service training)	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%, <b>and</b></li> <li>Physical Sciences <b>or</b> Technical Science – 40%.</li> </ul> <p><b>Please note that If an applicant has Mathematical Literacy instead of Mathematics, he/she will be placed in an associated extended qualification.</b></p>	Main employers are the softwood and hardwood sawmill companies, mining timber mills, fibre and particle board mills, timber preservation plants, rooftruss manufacturers, secondary timber product manufacturers, the furniture industry, SABS, CSIR and various machine manufacturers. Wood technologists' work relates to production, management, training, marketing and research.
<b>Dip (Wood Technology)</b> Extended Curriculum	This programme consists of three years of applied theoretical and one year experiential training. It provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.	Full-time 4 years (including 1 year in-service training)	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%, <b>and</b></li> <li>Physical Sciences or Technical Science – 30%.</li> </ul> <p><b>RECOMMENDED NSC/IEB SUBJECTS:</b> Engineering Graphics and Design</p>	See career opportunities above.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Wood Technology)</b> Extended Curriculum (continued)	The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the diploma in Wood Technology.						
<b>Advanced Diploma (Adv Dip)</b>							
<b>Advanced Diploma (Agricultural Management)*</b> <i>*(also offered in Port Elizabeth)</i>	The programme equips students with in-depth knowledge and skills in the fields of animal production, plant production, financial management, leadership development and strategic management.	Full-time 1 year or block release 2 years	–	–	–	A relevant 360-credit Diploma in Agricultural Management or an equivalent qualification. Although not a requirement, it is regarded as desirable that an applicant has completed at least two years' applicable practical service after having graduated. Candidates will only be considered if their average pass mark for the diploma is at least 60%.	Work opportunities in agricultural management are to be found with cooperatives, chemical companies, on farms (as farm managers), in the civil service and with all companies that provide agricultural products or services.
<b>Advanced Diploma (Game Ranch Management)*</b> <i>*(also offered in Port Elizabeth)</i>	This programme includes formal lectures, self-study, applied projects and a management plan. A wide variety of electives support the core subjects.	Full-time 1 year or block release 2 years	–	–	–	A relevant 360-credit Diploma Game Ranch Management or an equivalent qualification. Although not a requirement, it is regarded as desirable that an applicant has completed at least two years' applicable practical service after having graduated. Candidates will only be considered if their average pass mark for the diploma is at least 60%.	Game ranchers work mainly on private game ranches, game farms and nature reserves. Opportunities are available to manage eco-tourism ventures in national parks, provincial nature conservation departments, services councils and municipalities.
<b>Advanced Diploma (Wood Technology)</b>	This programme equips diplomates with skills and knowledge in the fields of timber processing, seasoning and structures, panel board production, human resource management and environmental management, applied biometry and production engineering (industrial).	Full-time 1 year or block release 2 years	–	–	–	A relevant 360-credit Diploma in Wood Technology or an equivalent qualification. Although not a requirement, it is regarded as desirable that an applicant has completed at least two years' applicable practical service after having graduated. Candidates will only be considered if their average pass mark for the diploma is at least 60%.	Main employers are the softwood and hardwood sawmill companies, mining timber mills, fibre and particle board mills, timber preservation plants, roof-truss manufacturers, secondary timber product manufacturers, the furniture industry, SABS, CSIR and various machine manufacturers. Wood technologists' work relates to production, management, training, marketing and research.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Advanced Diploma (Forestry)</b>	This programme provides students with an in-depth knowledge of various aspects in the field of Forestry, including silviculture, management, engineering, biometry, fire ecology, human resource management, woodland management, community forestry, business management and environmental management.	Full-time 1 year Part-time 2 years	–	–	–	A relevant 360-credit Diploma in Forestry or an equivalent qualification. Although not a requirement, it is regarded as desirable that an applicant has completed at least two years' applicable practical service after having graduated. Candidates will only be considered if their average pass mark for the diploma is at least 60%.	Career opportunities exist at private and public forestry companies, pulpwood and mining timber growers, municipalities and other local authorities.



## FACULTY OF BUSINESS & ECONOMIC SCIENCES

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Higher Certificate (HCert)							
<b>HCert (Business Studies) *</b>  <i>*(also offered in Port Elizabeth)</i>	<p>The purpose of this qualification is to equip students with the necessary knowledge and skills related to the business environment to make them more employable and to also widen access to selected diploma qualification(s).</p> <p>Students who successfully complete this Higher Certificate qualification and comply with the set admission requirements may proceed to one of the following diplomas in the field of: Marketing, Management or Tourism management.</p>	Full-time 1 year	290	290	305	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for higher certificate entry must be met.</li><li>• Mathematics or Technical Mathematics – 30%, <b>or</b> Mathematical Literacy – 50%.</li></ul>	Marketing intern, marketing officer, office manager or entrepreneur.
Diploma (Dip)							
<b>Dip (Management)*</b>  <i>*(also offered in Port Elizabeth)</i>	<p>This programme prepares students for management positions in the retail and manufacturing sectors. This programme is offered on a modular basis and has a strong retail and financial management focus, which places students who complete this diploma in an excellent position to manage their own businesses.</p>	Full-time 3 years	330	330	345	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for diploma entry must be met.</li><li>• Mathematics or Technical Mathematics – 40%, or Mathematical Literacy – 60%.</li><li>• Alternatively, applicants who completed all modules in the Higher Certificate (Business Studies) qualification, with an academic average of 60% or higher may be considered.</li></ul>	Job opportunities exist in the fields of retail store management, retail buying, franchising, business administration, production- and personnel management
<b>Dip (Management) Extended Curriculum</b>	<p>The extended curriculum programme for Dip (Management) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p>	Full-time 4 years	310	310	325	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for diploma entry must be met.</li><li>• Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li></ul>	The same as for three-year Diploma in a chosen field.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Management)</b> Extended Curriculum (continued)	The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.						
<b>Dip (Marketing)*</b> <i>*(also offered in Port Elizabeth)</i>	This diploma is acknowledged as a solid entrance-level qualification to the exciting global marketing arena. What sets this popular programme aside is its dynamic career dedicated slant. Students are exposed to relevant, exciting and broad-based career training options. The skills and knowledge obtained are in tune with the needs of both commerce and industry.	Full-time 3 years	330	330	345	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for diploma entry must be met.</li> <li>• Mathematics or Technical Mathematics – 40%, <b>or</b> Mathematical Literacy – 60%.</li> <li>• Alternatively, applicants who completed all modules in the Higher Certificate (Business Studies) qualification, with an academic average of 60% or higher may be considered.</li> </ul>	Advertising, personal selling and sales management, product and brand management, customer relationship management, merchandising, wholesaling and retail marketing, media management, direct response marketing, marketing communications, public relations / promotions, marketing research, marketing administration and planning, marketing forecasting and analysis, international / export marketing, small business marketing.
<b>Dip (Marketing)</b> Extended Curriculum	<p>The extended curriculum programme for Dip (Marketing) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the relevant Diploma.</p>	Full-time 4 years	310	310	325	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for diploma entry must be met.</li> <li>• Mathematics <b>or</b> Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li> </ul>	The same as for three-year Diploma in a chosen field.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>Dip (Tourism Management) *</b> <i>*(also offered in Port Elizabeth)</i>	<p>This programme prepares students for an exciting career in the tourism industry. The programme is intense and covers a wide spectrum of both skills-based training and knowledge that is critical for the tourism industry.</p> <p>This programme is highly sought after as it caters for students seeking employment opportunities in various sectors of the tourism industry.</p>	Full-time 3 years	330	330	345	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 40%, <b>or</b></li> <li>Mathematical Literacy – 60%.</li> <li>Alternatively, applicants who completed all modules in the Higher Certificate (Business Studies) qualification, with an academic average of 60% or higher may be considered.</li> </ul>	Employment opportunities in various sectors: transport (airlines, sea travel companies, car hire), travel services (travel agencies, tour operators, information bureaus), hospitality services (hotels, guesthouses) and attractions (national parks, theme parks, conference centres).
<b>Dip (Tourism Management)</b> Extended Curriculum	<p>The extended curriculum programme for Diploma studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses to prepare the student for successful completion of the relevant Diploma.</p>	Full-time 4 years	310	310	325	<ul style="list-style-type: none"> <li>Minimum NSC statutory requirements for diploma entry must be met.</li> <li>Mathematics or Technical Mathematics – 35%, <b>or</b></li> <li>Mathematical Literacy – 55%.</li> </ul>	The same as for three-year Diploma in a chosen field.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;  
 2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;  
 3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Advanced Diploma (Adv Dip)							
<b>Advanced Diploma (Business Studies) *</b>  <i>*(also offered in Port Elizabeth)</i>	<p>Advanced Diploma in Business Studies, with specialisation streams in:</p> <ul style="list-style-type: none"><li>• Management Practice; or</li><li>• Marketing Management; or</li><li>• Tourism Management.</li></ul> <p>This qualification aims to prepare students both academically and professionally in the selected fields to manage various businesses successfully through appropriate planning, organising, directing and controlling the functions and processes of such establishments.</p> <p>They will be able to collect, analyse and critically review data for effective business and financial decision-making and communicate such decisions and relevant information coherently and reliably. Successful candidates will be able to work independently and as members of a team.</p> <p><b>*Please note</b> that the Advanced Diploma (Tourism Management) will only be offered on a part-time basis.</p>	<p>Full-time 1 year *Part-time 2 years (only Tourism Management)</p>	–	–	–	<ul style="list-style-type: none"><li>• A relevant 360-credit Diploma in the chosen field of specialisation listed, or an equivalent qualification, with a mark of at least 60% obtained in the relevant majors of the previous qualification</li></ul>	<p><b>Marketing careers:</b> Marketing related positions such as marketing manager, marketing strategist, service marketer.</p> <p><b>Management careers:</b> Job opportunities exist across all management levels and industry sectors. Specific opportunities exist in the fields of retail store management, retail buying, franchising, business administration, production- and personnel management.</p> <p><b>Tourism careers:</b> The qualification will prepare individuals for an array of positions within the tourism industry and its various sectors, such as, travel retail sector, accommodation sector, transport sector, tourism planning and development, and local economic development.</p>
Bachelor of Commerce (BCom)							
<b>BCom: General</b>	<p>This programme opens up a wide variety of career options in the business world and includes fields such as entrepreneurship, business environments, marketing and strategic management.</p>	<p>Full-time 3 years</p>	390	–	–	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for degree entry must be met.</li><li>• Mathematics – 50%.</li></ul>	<p>Banker, business manager, financier, economist, industrial psychologist, human resources manager, marketing manager, training manager, teacher, statistician, financial manager, accountant, insurance broker, mathematician, management consultant, auditor, law advisor, labour relations expert, income tax consultant, small business consultant or an entrepreneur.</p>

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom: General</b> Extended Curriculum	<p>The extended curriculum programme for BCom studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses to prepare the student for successful completion of the BCom degree.</p> <p>The following BCom extended curriculum qualifications are offered:</p> <ul style="list-style-type: none"> <li>• Business Management;</li> <li>• Economics.</li> </ul>	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 45%.</li> </ul>	The same as for the three-year BCom degree in a chosen field.
<b>BCom (Accounting)</b>	<p>This programme is prescribed for candidates who intend to qualify as a chartered accountant (CA).</p> <p>The programme focuses on financial accounting, auditing, taxation, management accounting and finance. Graduates of this programme need to complete a Postgraduate Diploma in Accounting followed by a period of three years' practical training and the completion of two professional qualifying examinations to register as a Chartered Accountant (SA).</p> <p>The university is well-known for the excellent results which its graduates achieve in the professional qualifying examinations, and for the high employment rate of its graduates.</p>	Full-time 3 years	410	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 60%.</li> </ul>	Chartered accountant, financial manager, chief financial officer, financial accountant, registered auditor, cost and management accountant, tax consultant, internal auditor, and/or banker.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.



Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
<b>BCom (General Accounting &amp; Related Subjects)</b>	<p>This programme is offered for students wishing to major in accounting, auditing, taxation and management accounting.</p> <p>The accounting programme is intended for students who do not wish to qualify as Chartered Accountants, but who may wish to join the other professional institutes such as the Institute of Internal Auditors (IIA), the Institute of Chartered Secretaries and Administrators (ICSA), the Association of Chartered Certified Accountants (ACCA), the South African Institute of Tax Practitioners and the South African Institute of Professional Accountants (SAIPA) and yet wish to include accountancy subjects as majors in their degree.</p>	Full-time 3 years	390	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 50%.</li> </ul>	<p>This programme is intended for those planning careers in the field of accounting, but who do not intend to qualify as a chartered accountant. Possible career opportunities include: financial accountant, financial manager, management accountant, bookkeeper, tax accountant and practitioner.</p>
<b>BCom (General Accounting) Extended Curriculum</b>	<p>The extended curriculum programme for BCom studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses to prepare the student for successful completion of the BCom degree.</p> <p><b>Please note:</b> General Accounting &amp; Related Subjects (students can articulate to Accounting (CA) after completing the two-year extended qualification and obtaining the required result in their second semester module of Accounting 1).</p>	Full-time 4 years	370	–	–	<ul style="list-style-type: none"> <li>• Minimum NSC statutory requirements for degree entry must be met.</li> <li>• Mathematics – 45%.</li> </ul>	<p>The same as for the three-year BCom degree in a chosen field.</p>

## FACULTY OF ENGINEERING, THE BUILT ENVIRONMENT & TECHNOLOGY

Qualification	Programme Overview	Delivery mode & duration of study	Minimum Admission Requirements				Career Opportunities
			AS for Maths	AS for Technical Maths	AS for Maths Literacy	Subject Requirements	
Higher Certificate (HCert)							
<b>HCert: IT (User Support Services)*</b>  <i>*(also offered in Port Elizabeth)</i>	The purpose of the qualification is to produce graduates who are productive, competent, able to work independently, and who can manage time effectively in entry-level technical user support positions that span a wide range of computing environments requiring support personnel.  <b>Please note:</b> An average of 60% for all modules at the exit level is required if an applicant wishes to proceed to the Diploma: IT (Support Services) in Port Elizabeth.	Full-time 1 year	290	290	305	<ul style="list-style-type: none"><li>• Minimum NSC statutory requirements for higher certificate entry must be met.</li><li>• Mathematics or Technical Mathematics – 35%, <b>or</b> Mathematical Literacy – 55%.</li></ul>	Entry-level IT support technician.

1. Applicant Score (AS) for Mathematics: Overall score calculated for applicants who have taken Mathematics;
2. Applicant Score (AS) for Technical Mathematics: Overall score calculated for applicants who have taken Technical Mathematics;
3. Applicant Score (AS) for Mathematical Literacy: Overall score calculated for applicants who have taken Mathematical Literacy.

# Contact Details

	Port Elizabeth Campuses	George Campus
<b>General Enquiries</b>	041 504 1111	044 801 5111
<b>Student Access &amp; Enrolment Office Enquiries</b>	041 504 1111	044 801 5194
<b>Library and Information Services</b>	041 504 2281/ 3410	044 801 5004
<b>Financial Aid</b>	041 504 1111	044 801 5130
<b>Emthonjeni – Fountain of Student Wellness</b>	041 504 2511/3222	044 801 5051
<b>Student Housing</b>	041 1415/3690 (On-Campus) 041 504 4735/4736 (Off-campus)	044 801 5034/5136 (On-campus) 044 801 5139 (Off-campus)
<b>Student societies and clubs</b>	041 504 3561	044 801 5058
<b>Madibaz Sport</b>	041 504 2165/ 1244/ 3505	044 801 5037/5179
<b>Campus Health Service</b>	041 504 2174/ 1149	044 801 5062
<b>Universal Accessibility &amp; Disability Services (UADS)</b>	041 504 2313	

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Communication	84,85,86,87	Human Resource Management	21,22,25, 26,35,38	Nursing	72	User Support Services (IT)	62,63,121
Commerce	18-39,43,60,86,93,115-120	Human Settlement	61	<b>O</b>		<b>V</b>	
Communication Networks (IT)	62	<b>I</b>		Operations Management	49,50,51	Veldfire Management	108
Conservation Biology	101,102,103,111,112	Industrial Psychology	35,86	<b>P</b>		Visual Arts	78, 80
Construction Economics	60	Industrial Engineering	48,52	Performing Arts (music)	81-83	<b>W</b>	
Construction Management	59,60	Information Systems	34,35,38	Pharmacy	75	Wood Technology	112,113
Construction Studies	59,60	Information Technology	34,62,63,104, 105,121	Physiology	74,102	<b>Y</b>	
Counselling Psychology	66,67	Inorganic Chemistry	74,98	Philosophy	85,86	Youth Work	68
Culture	78,85,86	<b>D</b>		Photography	78,80	<b>Z</b>	
Chemical Process Technology	100	Development Studies	39	Physics	104,105	Zoology	101,102,103
<b>D</b>		Dietetics	36,69	Physical Chemistry	98,100,101		
				Political Studies	39,85,86,89		

# Our Vision

To be a dynamic African university, recognised for its leadership in generating cutting-edge knowledge for a sustainable future.

# Our Mission

To offer a diverse range of life-changing educational experiences for a better world.

**To achieve our vision and mission, we will ensure that:**

- Our values inform and define our institutional ethos and distinctive educational purpose and philosophy.
- We are committed to promoting equity of access and opportunities so as to give students the best chance of success in their pursuit of lifelong learning and diverse educational goals.
- We provide a vibrant, stimulating and richly diverse environment that enables staff and students to reach their full potential.
- We develop graduates and diplomates to be responsible global citizens capable of critical reasoning, innovation, and adaptability.
- We create and sustain an environment that encourages and supports a vibrant research, scholarship and innovation culture.
- We engage in mutually beneficial partnerships locally, nationally and globally to enhance social, economic, and ecological sustainability.

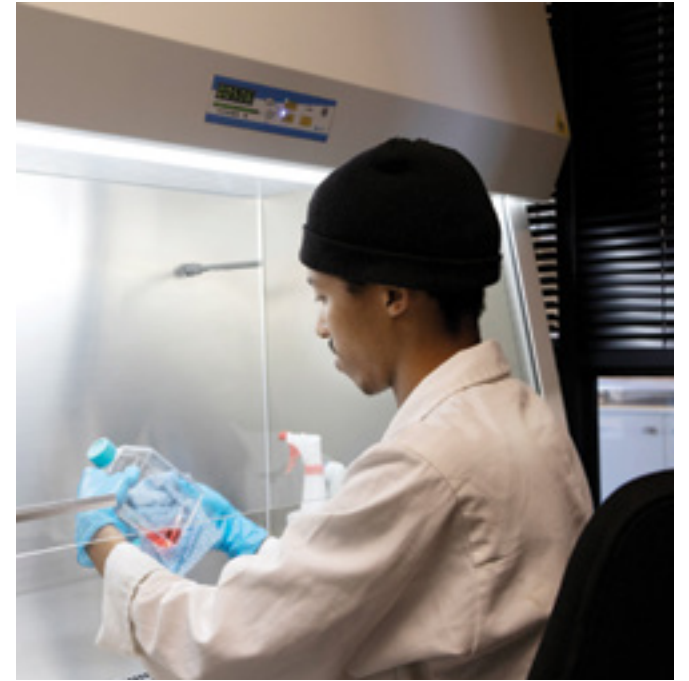
# Our Values



**Disclaimer:** All reasonable steps have been taken to ensure that the information contained in this guide was correct at the date of publication. All information listed is subject to change and may be updated without prior notification. Nelson Mandela University reserves the right to make changes to the programme details, rules, admission requirements, duration and delivery of courses as published in this guide. Prospective applicants are advised to consult the Student Access & Enrolment Office, the University website or relevant faculties prior to applying.

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.











Change the World



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