

NELSON MANDELA UNIVERSITY

PORT ELIZABETH & GEORGE, SOUTH AFRICA



UNDERGRADUATE PROGRAMME GUIDE FOR INTERNATIONAL STUDENTS

ver: 20200815



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

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

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

Mandela International Office

Tel: +27 (0) 41 504 2161

Fax: +27 (0) 41 504 2771

E-mail: international@mandela.ac.za

Postal Address:

PO Box 77000, Nelson Mandela University, Port Elizabeth, 6031, South Africa

facebook.com/[MandelaUniInternational](https://www.facebook.com/MandelaUniInternational)

international.mandela.ac.za

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

CONTENTS

Welcome	5
About Nelson Mandela University	7
Requirements for Undergraduate	8
Programmes Offered:	
● Faculty of Business and Economic Sciences	11
● Faculty of Education	19
● Faculty of Engineering, the Built Environment and Technology	23
● Faculty of Health Sciences	31
● Faculty of Humanities	39
● Faculty of Law	47
● Faculty of Science	51

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



DEAR PROSPECTIVE INTERNATIONAL STUDENT

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

Nelson Mandela University, Vice Chancellor





SOUTH AFRICA

• Johannesburg

Eastern Cape

• Cape Town

• George

• Port Elizabeth

ABOUT OUR UNIVERSITY

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

Nelson Mandela University is a new generation comprehensive university distinguished by a wide range of study options and access routes open to students. University's vision is 'to be a dynamic African university, recognised for its leadership in generating cutting-edge knowledge for a sustainable future.'

Nelson Mandela University has over 28,000 students. Out of this number, about 1400 are international students from more than 60 countries around the world. The university offers 474 programmes across seven faculties, with career choices in more than 130 broad fields. Our faculties include:

Humanities | Business and Economic Sciences | Education | Engineering, the Built Environment and Technology | Health Sciences | Law | Science

The university has established itself as a leader in fields such as automotive engineering, ecology, marine studies, community health, built environment, art and design, accounting and auditing, education and IT, offering students a wide choice of stimulating and market-oriented courses and opening up a variety of career opportunities. The university models its teaching and learning around national, regional, continental and global priorities, adding new programmes and continually updating its courses to meet tomorrow's needs. It is important to note that Nelson Mandela University offers quality

education that matches that of the United Kingdom, United States, Canada and Australia, for a third of the cost.

Nelson Mandela University nurtures innovation, fosters creativity, embraces technology and develops graduates to meet the challenges of tomorrow. The university has strong links with the industries and businesses nationally and internationally, and particularly within the automotive, tourism and pharmaceutical industries in the Port Elizabeth area.

The university has six campuses in Port Elizabeth and one in George. The city of Port Elizabeth is also known as Nelson Mandela Bay, with a population of 1.2 million people. George, with a population of 200,000 people, is 330 km (205 miles) from Port Elizabeth.

Our North and South campuses are located on a 720-hectare nature reserve right next to the Indian Ocean. Students have access to well-equipped laboratories for specific subjects, computer laboratories, modern lecture halls, libraries, on- and off-campus residences, cafeterias, coffee shops as well as a state-of-the-art fitness and aquatics centre situated on the South Campus. In addition, the university's sport facilities are among the best in South Africa.

REQUIREMENTS FOR UNDERGRADUATE STUDENTS

LANGUAGE REQUIREMENT

The medium of instruction and examination at Nelson Mandela University is English. Applicants from non-English speaking countries are required to submit proof of English proficiency before registration.

The TOEFL, IELTS or IBT tests, available in most countries, are acceptable proof.

Minimum TOEFL score required:

- 230 on the computer-based test;
- 570 on the paper-based test;

Minimum score required IELTS score:

- 6.0

Minimum score on the IBT:

- 92 overall with minimums of:
- 18 in listening,
- 17 in reading
- 22 in writing
- 22 in speaking

Pre-sessional academic English course

If you do not meet the English language requirements above, the International Office offers a pre-sessional academic English course that can be taken one semester prior to entrance into university. The course is designed to improve a student's English level so that he/she can manage with English as a medium of instruction at university.

Please note that the pre-sessional academic English course starts at a pre-intermediate level. Therefore, to meet this requirement students must have completed an elementary level English course.

For more information about our pre-sessional English Programme visit:

<https://international.mandela.ac.za/Learn-English>

GENERAL NOTES

International students are not admitted into all programmes and therefore certain programmes are omitted from the list below.

Applicants should meet the statutory requirements as prescribed by the Matriculation Board (Universities South Africa):

The following grades are acceptable by the Matriculation Board for exemption for applicants completing Cambridge or non-Cambridge administered examinations:

- A-level: Grades A, B, C, D and E
- AS-level: Grades A, B, C and D
- O-level: Grades A, B and C

Please note: Although the Matriculation Board accepts only the above symbols for Exemptions purposes the university sets its own subject grade requirements for admission purposes which may be higher or lower than those required by the Matriculation Board. These are used to calculate the Applicant Score (AS) and to make a final admissions decision.

<https://mb.usaf.ac.za> (please see detail requirements per Examination Board link).

Important to note that not all subjects are recognized for exemption purposes and this information is regularly updated on the USAf website.

Note that universities can set additional requirements that need to be met using the Applicant Score (AS) as indicated below.

The AS system allocates point values to school leaving symbols which should include languages, one being English, Mathematics and the subject requirements for the programme selected up to a maximum of 6 subjects.

The AS system is therefore used to ensure that the Application must meet:

- the minimum AS requirements.
- the minimum subject grade requirements.
- the minimum compulsory school leaving subject requirements.

The annual enrolment planning process sets a cap on the number of enrolments for certain programmes which may limit the number of spaces available in those programmes.

International students are only accepted for full-time studies.

For the final selection and scoring the following conversion table of International School systems apply:

% TO USE	Senior Cert HG	Sen Cert SG	HIGCSE NSSC HL	IGCSE NSSC OL	O LEVEL	AS	A LEVEL	IB HL	IB SL	KCSE	NC(M)4 Fundamental	NC(M)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%)

NOTES:

Applicants from SADC countries only offering GCSE or O level equivalents can be directly admitted to the Extended programmes if they meet the direct criteria.

The foreign school qualification is benchmarked against the South African school-leaving certificate as the standard. The University may add additional requirements for specific programmes.

HOW DO YOU APPLY?

Applicants can apply online by logging on to: applyonline.mandela.ac.za

Please note that online applications will only open at the beginning of April for both undergraduate and postgraduate applicants.

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

Please remember to submit the following documents with your online applications:

- Certified copy of school leaving certificate (with English translations where necessary)
- Certified copy of passport or identity document
- Transcript of an academic record if you have studied at another university or college
- International application fee of R500.00 (proof of transfer)

Closing date for applications is **30th September** of the preceding year.





FACULTY OF **BUSINESS** AND
ECONOMIC SCIENCES

A decorative graphic in the bottom left corner of the dark blue banner, featuring several white and maroon triangles and circles of varying sizes and orientations.

SCHOOL OF ACCOUNTING

Qualification & Programme overview	Duration	SPS Score	Admission requirements	Career opportunities
------------------------------------	----------	-----------	------------------------	----------------------

Bachelor of Commerce: General - Accounting (Extended Curriculum) - also offered on the George Campus

<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>Please note that students can articulate to Accounting for CA's 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"> Foreign Conditional Exemption Mathematics D at O level 	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.
---	-------------------	-----	---	---

Bachelor of Commerce: General - Accounting & Related subjects - also offered on the George Campus on a full-time basis only

<p>This programme is offered for students wishing to major in accounting, auditing, taxation and management accounting. 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> <p>Take note: The part-time offering of this qualification is subject to a sufficient number of registered students</p>	Full-time 3 years	390	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics C at O level 	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.
--	-------------------	-----	--	---

Bachelor of Commerce (Accounting) - also offered on the George Campus on a full-time basis only

<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>	Full-time 3 years	410	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level 	Chartered accountant, financial manager, chief financial officer, financial accountant, registered auditor, cost and management accountant, tax consultant, internal auditor, banker
--	-------------------	-----	--	--

Bachelor of Commerce Accounting Sciences (Law)

<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>	Full-time 3 years	410	<ul style="list-style-type: none"> Foreign Certificate of Exemption English B at O level Mathematics B at O level 	Chartered accountant or registered auditors with additional specialist skills in law.
--	-------------------	-----	--	---

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Commerce Accounting Sciences (Computer Science and Information Systems)				
<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 3 years	410	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level 	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.

SCHOOL OF ECONOMICS, DEVELOPMENT & TOURISM

Diploma in Tourism Management (Extended Curriculum)

<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. This programme is highly sought after as it caters for students seeking employment opportunities in various sectors of the tourism industry.</p>	Full-time 4 years	310	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics E at O level 	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).
---	-------------------	-----	---	--

Diploma in Tourism Management

<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. 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	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D symbol at O level 	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).
---	-------------------	-----	--	--

Bachelor of Commerce: General (Tourism) (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	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D at O level 	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.
---	-------------------	-----	---	--

Bachelor of Commerce: General (Tourism)

<p>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.</p>	Full-time 3 years	390	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics C at O level 	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.
---	-------------------	-----	--	--

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Commerce Economics (Extended Curriculum) - also offered on the George Campus

<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	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D at O level 	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.
---	-------------------	-----	---	--

Bachelor of Commerce General (Economics) - also offered on the George Campus

<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>	Full-time 3 years	390	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics C at O level 	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.
--	-------------------	-----	--	--

Bachelor of Commerce (Hospitality Management)

<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"> Foreign Certificate of Exemption Mathematics C at O level 	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.
--	-------------------	-----	--	---

Bachelor of Commerce General (Statistics)

<p>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.</p>	Full-time 3 years	390	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level 	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.
---	-------------------	-----	--	--

Bachelor of Commerce (Economics & Statistics)

<p>This programme provides for majors in Economics, Economic Statistics, Accounting, Business Management, Computer Science & Information Systems or Mathematics.</p>	Full-time 3 years	390	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level 	Economist, financial and statistical analyst, financial consultant.
--	-------------------	-----	--	---

SCHOOL OF INDUSTRIAL PSYCHOLOGY & HUMAN RESOURCES

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Commerce: Industrial Psychology & Human Resources Management

<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"> Foreign Certificate of Exemption Mathematics C at O level 	Human resource practitioner, personnel consultant/manager, training manager, labour relations manager, marketing practitioner or an industrial psychologist
--	-------------------	-----	--	---

Bachelor of Arts (Human Resource Management)

<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	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics D at O level 	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 nongovernment organisations.
---	-------------------	-----	--	---

Bachelor of Arts (Development Studies)

<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"> Policy; Research of policy and ; Implementation of policy in a development context. <p>Take note: This course will only be offered if a minimum of 25 prospective applicants are admitted to the programme. Please consult the admissions office prior to applying</p>	Full-time 3 years	350	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics D at O level 	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.
---	-------------------	-----	--	--

SCHOOL OF MANAGEMENT SCIENCES

Diploma in Logistics (Extended Curriculum)

<p>The extended curriculum programme for the Dip: (Logistics) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum requirements for the mainstream programme.</p> <p>The purpose of he 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	<ul style="list-style-type: none"> Foreign Conditional Exemption; Mathematics E at O level 	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	Duration	AS Score	Admission requirements	Career opportunities
Diploma in Logistics				
<p>The extended curriculum programme for the Dip: (Logistics) studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum 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>	<p>Full-time 3 years Part-time 4 years</p>	330	<ul style="list-style-type: none"> • Foreign Conditional Exemption; • Mathematics D symbol at O level 	Purchaser or logistics manager, buyer, supply chain manager, expeditor, materials controller, production planner, bill-of-material specialist, materials requirement planner, export/import controller.
Bachelor of Commerce (Logistics & Transport Economics)				
<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>	<p>Full-time 3 years</p>	390	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • Mathematics C at O level 	Supply chain manager, logistics manager, resource planner, transport coordinator, expeditor, materials controller, warehouse manager.
Bachelor of Commerce: Computer Science & Info Systems				
<p>Computer Science and Information Systems graduates from Nelson Mandela 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 & Information Systems focus on e-commerce, web technology and multimedia.</p>	<p>Full-time 3 years</p>	390	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • Mathematics B at O level 	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.
Bachelor of Commerce: Information Systems (Accounting) (Business Management)				
<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>	<p>Full-time 3 years</p>	390	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • Mathematics B at O level 	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 system analysis, financial modeling, project management and enterprise resource planning (ERP) consulting.

Bachelor of Commerce: Financial Planning (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.

Full-time 4 years

370

- Foreign Conditional Exemption
- Mathematics D at O level

Financial advisor, financial planner, financial services industry, banks and insurance companies.

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

Bachelor of Commerce: Financial Planning

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.

Full-time 3 years

390

- Foreign Certificate of Exemption
- Mathematics C at O level

Financial advisor, financial planner, financial services industry, banks and insurance companies.

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). 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.

Bachelor of Commerce: Business Management (Extended Curriculum) - also offered on the George Campus

The extended curriculum programme for Bcom studies provides alternative university access to student who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.

Full-time 4 years

370

- Foreign Conditional Exemption
- Mathematics D at O level

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.

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.

Bachelor of Commerce: General (Business Management) - also offered on the George Campus

This programme opens up a wide range of career options in the business world and includes fields such as entrepreneurship, business environments, marketing and strategic management

Full-time 3 years

390

- Foreign Certificate of Exemption
- Mathematics C at O level

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.

Bachelor of Commerce (Marketing & Business Management)

The BCom degree in Marketing & 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.

Full-time 3 years

390

- Foreign Certificate of Exemption
- Mathematics C at O level

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.

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.

Please note that this qualification does allow students to continue with the Honours degree in Business Management.

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Commerce: (Food Service Management)

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.

Full-time 3 years

390

- Foreign Certificate of Exemption
- Mathematics C at O level

Food service manager

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.

Bachelor of Commerce Accounting Sciences (Economics/Business Management)

This programme provides candidates who wish to qualify as Chartered Accountants (SA) with the opportunity of an additional major in Economics or Business Management.

Full-time 4 years

410

- Foreign Certificate of Exemption
- Mathematics B at O level

Chartered accountant with additional specialist skills in the field of economy and business management.

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.



FACULTY OF **EDUCATION**

SCHOOL OF EDUCATION

Please note that student should have completed the South African Schooling System (NSC)

Qualification & Programme overview	Duration	AS for Maths	AS for Technical Maths	AS for Maths Literacy	Admission requirements	Career opportunities
Bachelor of Education (Foundation Phase - Grades R-3)						
<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 need to integrate these across the FP schooling system.</p> <p>The programme emphasises hands-on classroom competencies and the creative design for 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 context. 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	356	<ul style="list-style-type: none"> • Minimum NSC requirements for degree entry must be met. • English (Home Language or First Additional Language) AND Afrikaans or isiXhosa (Home Language or First Additional Language) • Mathematics or Technical • Mathematics – 45%, or • Mathematical Literacy - 60%. 	Foundation phase teacher – Grades R - 3 (previously called a junior primary teacher).
Bachelor of Education (Intermediate Phase - Grades 4 to 6)						
<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 & Technology, Social Sciences, Life Skills, Arts & 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"> • Minimum NSC requirements for degree entry must be met. • English (Home Language or First Additional Language) AND Afrikaans or isiXhosa (Home Language or First Additional Language) • Mathematics or Technical • Mathematics – 45%, or • Mathematical Literacy - 60%. 	Intermediate phase teacher – Grades 4 - 6 (previously called a senior primary teacher).
Bachelor of Education Senior Phase and Further Education & Training (SP: Grades 7 - 9) (FET: Grades 10 - 12) COMMERCE STREAM						
<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 two FET specialisations and one related SP specialisation within the stream below.</p> <p>COMMERCE STREAM: FET: Accounting, Business Studies, Economics, Mathematics, Mathematical Literacy. SP: EMS, Mathematics</p> <p>Please note: To specialise in Mathematical Literacy applicants MUST have taken Mathematics at school.</p>	Full-time 4 years	390	-	-	<ul style="list-style-type: none"> • Minimum NSC requirements for degree entry must be met. • English (Home Language or First Additional Language) and Afrikaans or isiXhosa (Home Language or First Additional Language). • Mathematics – 60% <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"> • Accounting – 60%, • Business Studies – 60%, • Economics – 60%. 	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 academically and professionally qualified beginner secondary school teachers.

Qualification & Programme overview	Duration	AS for Maths	AS for Technical Maths	AS for Maths Literacy	Admission requirements	Career opportunities
------------------------------------	----------	--------------	------------------------	-----------------------	------------------------	----------------------

Bachelor of Education Senior Phase and Further Education & Training (SP: Grades 7 - 9) (FET: Grades 10 - 12) NATURAL SCIENCE STREAM

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.

Students will be expected to choose two FET specialisations and one related SP specialisation within the stream below.

NATURAL SCIENCE STREAM:

FET: Life Sciences, Physical Sciences*, Mathematics or Mathematical Literacy
SP: Mathematics, Natural Sciences

Please note that students choosing to study Physical Science MUST choose Mathematics as their second FET specialisation. To specialise in Mathematical Literacy applicants MUST have

Full-time 4 years

390

-

-

- Minimum NSC requirements for degree entry must be met.
- English (Home Language or First Additional Language) and Afrikaans or isiXhosa (Home Language or First Additional Language).
- Mathematics – 60%

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:

- Physical Sciences – 60%,
- Life Sciences – 60%,
- Geography – 55%.

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.

Bachelor of Education Senior Phase and Further Education & Training (SP: Grades 7 - 9) (FET: Grades 10 - 12) LANGUAGE AND SOCIAL SCIENCES STREAM

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.

Students will be expected to choose two FET specialisations and one related SP specialisation within the stream below.

LANGUAGE AND SOCIAL SCIENCES STREAM:

FET: Afrikaans, English, isiXhosa, History, Geography
SP: Afrikaans, English, isiXhosa, Social Science

Full-time 4 years

390

390

405

- Minimum NSC requirements for degree entry must be met.
- English (Home Language or First Additional Language) AND Afrikaans or isiXhosa (Home Language or First Additional Language).
- Mathematics – 45% (except if Geography is selected, then 60% for Mathematics is required).
- Mathematical Literacy – 60%, or Technical Maths – 45% (not applicable if Geography is selected which requires Mathematics)

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:

- English, Afrikaans, isiXhosa (Home Lang or 1st Add Lang) – 55% - if language is selected as a FET specialisation.
- History – 55%,
- Geography – 55%.

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.





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

SCHOOL OF ENGINEERING

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Higher Certificate (Mechatronics Engineering)

<p>Mechatronics support is characterised by the ability to apply proven, commonly understood detailed techniques, procedures, practices and codes to solve narrowly-defined Mechatronic engineering problems under the supervision of technicians, technologists and engineers.</p> <p>Industry further requires a significant increase in not only the amount of Artisans, but also an increase in the conceptual understanding of engineering science within the discipline, which will be achieved by the Higher Certificate.</p> <p>Although the scope of the Higher Certificate and this qualification falls outside the ambit of Artisan training, the Higher Certificate will provide an excellent alternative pathway for noncontracted learners to prepare for the trade test to qualify as Artisans.</p>	Full-time 1 year	330	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics C at O level Science / Physical Science / Physics C at O level 	<p>Successful candidates can pursue a multitude of career opportunities within the automated manufacturing environment.</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>
--	------------------	-----	--	--

Bachelor of Engineering (Mechatronics)

<p>Mechatronic engineering is a combination of precision mechanical engineering, electronics and computer systems. A typical mechatronic system is characterised by close integration of the mechanical components, electrical sensors, mechanical and electrical actuators and computer controllers into products and systems useful to society.</p> <p>In order to combine all these elements in an optimal way, mechatronic engineers must have insight in each of these disciplines.</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"> Foreign Certificate of Exemption Mathematics B at O level Science / Physical Science / Physics B at O level <p>Alternatively: Applicants who completed all modules in the Higher Certificate (Mechatronic Engineering) qualification, with an academic average of 65%, with minimum of 60% for Mathematics 1011 (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>Recommended Subjects: Engineering Graphics & Design Information Technology</p>	<p>Mechatronic engineers 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.</p>
---	-------------------	-----	---	--

Bachelor of Engineering Technology (Electrical Engineering)

<p>Electrical technologists are responsible for the design, development, manufacturing, testing and maintenance of Electrical, Electronic and Digital infrastructure. This includes, but is not limited to power generating, transmission and distribution systems, control systems, computer systems, data and voice communication systems, automated robotic systems and medical technologies.</p>	Full-time 3 years	370	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level Science / Physical Science / Physics C at O level <p>Alternatively: A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics 1011 (MAT1011).</p>	<p>Electrical Engineering technology graduates are not limited to formal employment areas – they also make good entrepreneurs!</p> <p>Apart from this, they may also find challenging opportunities in teaching and or research.</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>
--	-------------------	-----	--	---

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Engineering Technology (Industrial Engineering)				
<p>Industrial Engineering technologists develop concepts, designs and systems for manufacturing processes and services.</p> <p>They work with many different specialists like material scientists, engineers, manufacturing and services team leaders, marketers and accountants to develop new efficient processes, quality assurance protocols and systems. 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	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level Science / Physical Science / Physics C at O level <p>Alternatively: A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics1011 (MAT1011).</p>	Industrial engineering technologists are high in demand in automated manufacturing and assembly plants as well as in large scale service industries.
Bachelor of Engineering Technology (Mechanical Engineering)				
<p>The work of mechanical technologists spans a number of different fields and disciplines, with a great deal of the emphasis being on the creation, design, construction, and installation of many of the mechanical components, structures and devices that make modern life so comfortable.</p> <p>Product development requires the talents of a Mechanical technologist. As part of this job, the technologist may seek to improve the product so that it or the process used to make it is more efficient and thereby reducing the cost to the consumer and also improving the international competitive edge of the manufacturer.</p>	Full-time 3 years	370	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level Science / Physical Science / Physics C at O level <p>Alternatively: A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics1011 (MAT1011).</p>	<p>Mechanical Engineering technology graduates are not limited to formal employment areas – they also make excellent entrepreneurs. Apart from this, they may also find challenging opportunities in teaching and/or research.</p> <p>Typical employment sectors include: Power and energy generation, automotive corporations, government institutions, mining and exploration, design, service and manufacturing plants.</p>
Bachelor of Engineering Technology (Marine Engineering)				
<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 and structures related to a ship.</p>	Full-time 3 years	370	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level Science / Physical Science / Physics C at O level <p>Alternatively: A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics1011 (MAT1011).</p>	<p>After completing the degree, graduates can consider three career options:</p> <p>An Engine Officer (Seafarer/Mariner), who is responsible for the technical management and the operation of a ship, up to the level of Chief Engineer. 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.</p> <p>A Naval Architect, who is involved in the design, modification and development of ships, boats, vessels and off-shore platforms.</p> <p>A Shore-based Marine Engineer, 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>

SCHOOL OF ARCHITECTURE

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Diploma: Interior Design

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.

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.

Full-time 3 years

310

- Foreign Conditional Exemption;
- Recommended Subjects:**
- Art, Design, Technical Drawing;
 - Creative Portfolio;
 - Interview if student is in the country;
 - Admission is subject to departmental selection

Employment opportunities for interior designers exist with interior design firms, architectural practices, furniture manufacturers and suppliers and property developers, or as self-employed consultants.

Diploma: Architectural Technology

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.

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.

Full-time 3 years

330

- Foreign Conditional Exemption
 - Mathematics D at O level
- Recommended Subjects:**
- Art, Visual Arts, Design, Physical Science, Engineering Graphics and Design;
 - Creative Portfolio;
 - Interview if student is in the country or via Skype

Employment opportunities for interior designers exist with interior design firms, architectural practices, furniture manufacturers and suppliers and property developers, or as self-employed consultants.

Bachelor of Architectural Studies

The Department of Architecture's professional architecture programme is structured as follows: three-year Bachelor's programme In Architectural Studies (BAS), followed by one-year BAS (Honours) degree and a one-year MArch (Prof) degree in Architecture thereafter.

Once you have completed your BAS degree, should you decide not to proceed further, and once you have complied with the South African Council for the Architectural Profession's (SACAP) practical training requirements, you could register as a senior architectural technologist. Should you have also completed your BAS (Honours) studies and complied with the South African Council for the Architectural Profession's (SACAP) practical training requirements, you could then register as a senior architectural technologist.

Once you have the MArch (Professional) degree and have complied with SACAP's practical training requirements, you can register as a professional architect.

* Please note: Prospective students will be notified by the admission department 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

Full-time 3 years
+
Full-time 1 year
+
Full-time 1 year

370

- Foreign Certificate of Exemption
 - Mathematics C at O level
 - Creative Portfolio
- 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.

Employment opportunities exist with architectural practices, government institutions and property developers, or as self-employed consultants. They can also follow postgraduate studies in related fields such as town planning.

SCHOOL OF BUILT ENVIRONMENT AND CIVIL ENGINEERING

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Diploma: Building				
<p>The Building and Construction Industry is a dynamic industry with many opportunities for self-motivated and hard working people. The industry is becoming more technically sophisticated and computerised which has resulted in a growing demand for suitably trained professionals.</p>	Full-time 3 years	330	<ul style="list-style-type: none"> Foreign Conditional Exemption; Mathematics D on O level; Admission is subject to departmental selections <p>Recommended subjects: Physical Science; Business Economics; Accounting; Civil Technology</p>	This programme prepares diplomates for supervisory and middle management level employment in the building industry; and technical support level in the quantity surveying profession.
Bachelor of Science in Construction Economics (Quantity Surveying with Financial Management & Business Management)				
<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>Take note: 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. As a limited number of students can be admitted, admission is subject to selection based on academic merit.</p>	Full-time 3 years	370	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics C at O level <p>Recommended Subjects: Physical Science, Engineering Graphics & Design</p> <p>Please note: 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>
Bachelor of Science in Construction Studies				
<p>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. 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.</p> <p>Take note: 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.</p>	Full-time 3 years	370	<ul style="list-style-type: none"> Foreign Certificate of Exemption; Mathematics C at O level; <p>Recommended subjects: Engineering Graphics and Design and Physical Science;</p>	Graduates find employment in construction enterprises as site agents, site managers, contract managers, estimators, planners, managers and directors. Career opportunities also exist in materials manufacture and marketing, property management, property development, facilities management, subcontracting, specialist consulting, project management, lecturing and research.
Bachelor of Human Settlement Development				
<p>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).</p>	Full-time 4 years	370	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics C symbol on O level 	Graduates are employed by managing organisations and developing and implementing human settlement policy, strategies, programmes and projects in the public and private sectors.

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Engineering Technology (Civil Engineering)

The Civil Engineering technologist focuses on the design, construction, and maintenance of public works as well as private structures. They must be able to design safe structures which meet standard codes in the regions that they are being built in. These structures must be designed with maintenance, efficiency, and other economic concerns in mind as well as to ensure that they will endure many years of use.

Full-time 3 years

370

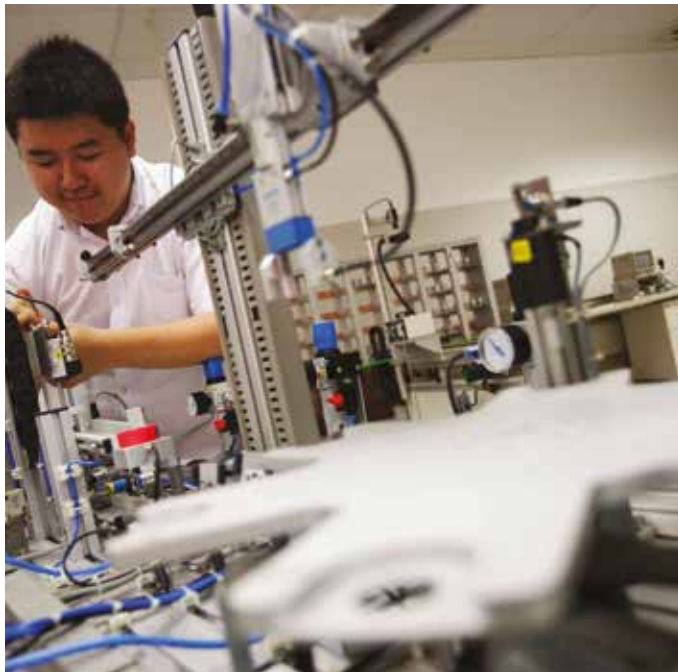
- Foreign Certificate of Exemption
- Mathematics B at O level
- Science / Physical Science / Physics C at O level

Alternatively:

A Higher Certificate in Mechatronics Engineering qualification with an average of 60% or above and a minimum of 60% for Mathematics 1011 (MAT1011).

Graduates may be employed by the public or private sector such as governmental agencies, municipalities, construction companies and consultants.

These technologists are mainly involved in aspects of public works like transportation, water treatment, government buildings, public facilities such as airports and train stations, and other large scale private construction projects.



SCHOOL OF INFORMATION AND TECHNOLOGY

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Higher Certificate: Information Technology (IT) (User Support Services)				
<p>The purpose of this 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.</p> <p>Please note: 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).</p>	Full-time 1 year	290	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics E at O level 	Entry-level IT support technician
Diploma: Information Technology (IT) (Software Development)				
<p>Students will be taught to effectively solve business-related problems, and will be trained extensively in areas such as computer software, computer hardware, networks and the analysis, design and implementation of software solutions.</p>	Full-time 3 years	330	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D at O level. <p>Recommended Subjects:</p> <ul style="list-style-type: none"> Computer Applications Technology, Information Technology 	Programmer or software engineer, systems analyst, user support specialist, network administrator.
Diploma: Information Technology (IT) (Communication Networks)				
<p>The communication networks stream focuses on integrating many technologies varying from wireless networks, voiceover IP, electronics, robotic components, computer and information security, networking and also programming. This course is primarily a course for networking professionals with a solid grounding in supporting subject areas such as programming and fundamentals of digital systems.</p>	Full-time 3 years	330	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D at O level. <p>Recommended Subjects:</p> <ul style="list-style-type: none"> Computer Applications Technology, 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 tele-communications infrastructure worldwide, professionals in this field will play a major role in future developments.
Diploma: Information Technology (IT) (Support Services)				
<p>This programme focuses on the day-to-day administration of the IT and networks infrastructure and support of the users reliant on this infrastructure.</p>	Full-time 3 years	330	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D at O level. <p>Recommended Subjects:</p> <ul style="list-style-type: none"> Computer Applications Technology, Information Technology 	IT support technician or trainee call centre manager. Employers include: government departments, computer manufacturers, network organisations, computer bureau, research organisations, insurance companies, commerce and industry, educational institutions, professional firms, mining companies, libraries.
Bachelor of Information Technology (BIT)				
<p>The purpose of this programme is to develop Information Technology Professionals that can implement, maintain and support enterprise systems.</p>	Full-time 3 years	370	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics C at O level. 	BIT graduates are complementary to computer science graduates in that they focus on systems integration, often using existing components as developed and fine-tuned by computer scientists. As such BIT graduates are particularly well positioned to take responsibility for the implementation and operation of enterprise systems.





FACULTY OF **HEALTH SCIENCE**

DEPARTMENT OF ENVIRONMENTAL HEALTH

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Environmental Health				
<p>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.</p>	Full-time 4 years	390	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • Mathematics C at O level • Physical Science C at O level • Biology C at O level <p>Admission is subject to selection by the department</p>	<p>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).</p>

DEPARTMENT OF PSYCHOLOGY

Bachelor of Arts (Psychology)				
<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 & organisational psychology can be built.</p> <p>The core modules cover the following broad areas: health psychology, gender and social psychology, traumatology, cross-cultural psychology, forensic and neuropsychology, psychopathology, psychological assessment and intervention, career psychology, human resource management, organisational behaviour and consumer behaviour.</p>	Full-time 3 years	350	<ul style="list-style-type: none"> • Foreign Certificate of Exempti • Mathematics D at O level 	<p>Articulation into postgraduate and professional training in both clinical/counselling psychology, industrial and organisational psychology.</p> <p>Opportunities in the field of people related careers, NGO sectors, childcare and lay counselling, human resource management as well as organisational development.</p>
Bachelor of Psychology: Counselling (Registered Counsellor)				
<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 fourth year, theoretical and applied training will be complemented by a compulsory sixmonth practical internship where students will have to show proficiency in working within their chosen settings.</p> <p>Take note: Holders of this degree qualify for registration as registered counsellors with the Professional Board for 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"> • Foreign Certificate of Exemption; • Candidates must first be admitted to the BA (Psych) programmes and complete 90% of the credits – prescribed for the first 2 years of study before they can be considered for admission to BPsych (Counselling). <p>All candidates shall be subject to selection. Those who are not selected will be able to continue with the BA (Psychology) programme</p>	<p>Registered counsellor in private practice, or working for government, community or non-governmental organisations, schools, academia, or in business and industry.</p>

DEPARTMENT OF SOCIAL DEVELOPMENT PROFESSIONS

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Arts (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>Please note: 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	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics D at O level Admission is subject to departmental selection 	Employment as youth worker can be found with organisations such as the Red Cross, government departments, and non-governmental organisations, including welfare organisations, churches, communitybased organisations, youth clubs and community centres.

DEPARTMENT OF HUMAN MOVEMENT SCIENCES

Diploma: Sport Management				
<p>This programme equips students with the knowledge, attitudes and skills which are essential for a successful career in sport management. The programme also provides the opportunity for the students to fully realise their potential in the one sport in which they chose to specialise.</p> <p>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	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D at O level <p>Active participation in competitive sport as approved by the department.</p> <p>Preference will be given to students who have excelled in sport and/or who have extensive involvement in sport.</p> <p>Admission is subject to selection by the department</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. Career opportunities available include sport administrator, sport marketer, sport agent, sport manager, sport development officer, sport commentator, sport entrepreneur.
Bachelor of 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. The four specialisation areas are:</p> <ul style="list-style-type: none"> Exercise science Recreation Sport management Coaching science <p>Take note: Human Movement Science can also be combined with Physiology and Biochemistry in a BSc degree.</p>	Full-time 3 years	350	<ul style="list-style-type: none"> Foreign Certificate of Exemption; Mathematics D at O level Submission of prescribed medical report <p>Candidates must pass a medical examination as required by the Department of Human Movement Science.</p>	<p>Career opportunities include teaching, school and professional sport coaching, exercise and fitness instruction, sport management and recreation.</p> <p>National, provincial and local government as well as institutions such as universities and police services employ sport and recreation specialists and managers. 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 commentating.</p>
Bachelor of Health Science in Biokinetics				
<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	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics C at O level Biology/Life Science C at O level Satisfactory medical report <p>Admission is subject to selection by the department</p>	<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>

DEPARTMENT OF DIETETICS

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Science in Dietetics				
<p>With nutrition acknowledged as a key to the future of modern medicine, dietetics is one of the world's fastest-growing professions. 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.</p> <p>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"> Foreign certificate of Exemption; Mathematics B at O level Science/Physics or Physical Science B at O level <p>Admission is subject to a departmental selection</p>	<p>Dietitians have become increasingly important in both the private and public sectors. They work in various settings:</p> <ul style="list-style-type: none"> Private practice and therapeutic settings 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. Industry - They share their expertise by working in the field of health care, food or pharmaceutical industries. Community - 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. Food service management - They manage the provision of healthy and specialised diets in health care facilities, correctional services, welfare care facilities and schools.

DEPARTMENT OF NURSING SCIENCES

Bachelor of Nursing Science				
<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 Science. This is supplemented by clinical teaching in a clinical simulated laboratory and in actual patient situations.</p>	Full-time 4 years	370	<ul style="list-style-type: none"> Foreign Certificate of Exemption (obtained before registration). Matriculation endorsement with a matriculation certificate issued less than 5 years ago. Mathematics C at O level. Physical Science/Science C at O level. Biology B at O level. Students must submit a satisfactory medical report, on the prescribed form, before registration. All students must annually provide proof of professional indemnity insurance, before registration can be finalised. <p>Note: Students must be registered as student nurses with the South African Nursing Council. Such registration will be undertaken by the Department of Nursing on behalf of the students after enrolment. Students must submit a satisfactory medical report on the prescribed form before registration.</p>	<p>Professional nurses may work in private or public hospitals, comprehensive health care clinics, communities, or in private practice.</p> <p>South African registered nurses are not only in demand in this country, but are also sought after internationally.</p>

DEPARTMENT OF RADIOGRAPHY

Qualification & Programme overview	Duration	SPS Score	Admission requirements	Career opportunities
Bachelor of Radiography in Diagnostics				
<p>This programme prepares students for the professional field of diagnostics 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.</p> <p>The practical component is undertaken at an accredited training hospital. Graduates are required by law to undertake one year of community service. This is a prerequisite for registration with the HPCSA as a radiographer.</p>	Full-time 4 years	390	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • Mathematics C at O level • Physical Science C at O levels • Biology C at O level • Applicants must also be physically fit. • Applicants referred for selection must submit a satisfactory medical report, on the prescribed form, to the Admission Office <p>Admission is subject to selection by the department</p> <p>Final Selection takes place in September and the successful applicants will be notified in writing by November. A visit to an X-Ray department is requirement for all successful applicants</p>	Diagnostic radiographer.

DEPARTMENT OF EMERGENCY MEDICAL CARE

Bachelor of Emergency Medical Care (BEMC)				
<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. 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	<ul style="list-style-type: none"> • Foreign Certificate of Exemption. • Mathematics C at O level; • Biology/Life Science B at O level. • Physical Science/Physics C at O level <p>Selection of students: 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.

DEPARTMENT OF PHARMACY

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Pharmacy				
<p>The programme covers four main subject areas:</p> <ul style="list-style-type: none"> • Pharmacology and Applied Therapeutics • Pharmaceutical Chemistry • Pharmaceutics • Pharmacy Practice <p>Research elective courses are offered in the final year of study.</p> <p>In order to register as a pharmacist with the South African Pharmacy Council, after obtaining the BPharm degree, students must successfully complete one year internship and one year's compulsory community service. 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"> • Foreign Certificate of Exemption • Mathematics B at O level • Physical Science B at O level <p>Places are limited and admission is subject to selection.</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.</p> <p>In hospital pharmacies, they dispense medicines and review their use, while in the pharmaceutical manufacturing industry they make test and market medicinal products.</p> <p>Educational institutions also employ pharmacy graduates as lecturers and researchers.</p>

Bachelor of Social Work				
<p>Social work plays an important role in society, with the social worker helping people to overcome obstacles, ranging from family counseling, 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	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • Mathematics D at O level <p>Admission is subject to departmental selection</p> <p>Note: Candidates must register as student social workers before commencing any of the practical or applied modules at community-based organisations.</p>	<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.</p>







FACULTY OF **HUMANITIES**

SCHOOL OF VISUAL AND PERFORMING ARTS

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Visual Arts (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</p>	<p>Full-time 1 year plus Full-time 2 years</p>	<p>350</p>	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • 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. 	<p>See the relevant discipline fields below.</p>
<p>RECOMMENDED SUBJECTS:</p>				
<ul style="list-style-type: none"> • Visual Arts • Design 				
<p>Neither of these two subjects are prerequisites for admission.</p>				

●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲●▲ 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. 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>	<p>Full-time 2 years</p>	<p>Only after successfully completing the generic first-year programme are students considered for placement in the second year of the degree programme</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>
<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>			

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>	<p>Full-time 2 years</p>	<p>Only after successfully completing the generic first-year programme are students considered for placement in the second year of the degree programme.</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>
<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>			

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Music (Music Education)				
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	<ul style="list-style-type: none"> • Foreign Certificate of Exemption; • Mathematics D symbol at O level • Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required. • Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard. • An applicant will be requested to send a recording of performance. 	Music teachers.
Bachelor of Music (Performance Arts)				
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	<ul style="list-style-type: none"> • Foreign Certificate of Exemption; • Mathematics D symbol at O level • Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required. • Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard. • An applicant will be requested to send a recording of performance. 	Performing musicians (solo or ensemble).
Bachelor of Music (Music Technology)				
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	<ul style="list-style-type: none"> • Foreign Certificate of Exemption; • Mathematics D symbol at O level • Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required. • Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard. • An applicant will be requested to send a recording of performance. 	Music technologist, producer, arranger, composer, electro-acoustic musician, sound engineer, independent record label owner, acoustics and sound installation consultant, technology-enabled music teacher.
Bachelor of Music (Interdisciplinary Studies)				
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	<ul style="list-style-type: none"> • Foreign Certificate of Exemption; • Mathematics D symbol at O level • Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required. • Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard. • An applicant will be requested to send a recording of performance. 	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.

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Music (General)

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	<ul style="list-style-type: none"> • Foreign Certificate of Exemption; • Mathematics D symbol at O level • Practical standard equivalent to Grade 6 and music theoretical standard equivalent to Grade 5 is required. • Admission is subject to departmental selection based on an audition during which an applicant must demonstrate an acceptable performance standard. • An applicant will be requested to send a recording of performance. 	This curriculum is ideally suited to the versatile musician rather than to the musician who wishes to specialise in one particular area of music.
---	-------------------	-----	--	---

SCHOOL OF LANGUAGE, MEDIA AND CULTURE

Bachelor of Arts (for majors please refer to online guide)

<p>The programme is highly flexible and students can choose one of three possible streams:</p> <ul style="list-style-type: none"> • Two languages as majors • One language and one social sciences & humanities as majors or • Two social sciences & humanities as majors. 	Full-time 3 years	350	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • English B symbol at O level • Mathematics E symbol at O level 	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.
--	-------------------	-----	--	---

Students can choose two of the following disciplines:

- Anthropology
- Business Management
- English
- History
- Geography
- isiXhosa
- Political Studies
- Public Administration
- Afrikaans
- Economics
- English language studies
- French
- Industrial Psychology
- Philosophy
- Psychology
- Sociology

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.

Bachelor of Arts (Media, Communication & Culture)

The programme provides theoretical knowledge and practical skills in communication, arts and culture, language and literature, media and information technology.	Full-time 3 years	350	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • English B symbol at O level • Mathematics E symbol at O level 	Communication professionals in fields such as journalism and the mass media, video production, tourism, public relations, design, advertising and corporate communications.
<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> <p>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 such as languages (Afrikaans, English, isiXhosa and French), Philosophy, Web Design, Music Technology, Psychology and Marketing.</p>				

SCHOOL OF GOVERNMENT AND SOCIAL SCIENCE

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Arts

The School for Governmental & 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.

Full-time 3 years

350

- Foreign Certificate of Exemption
- English B symbol at O level
- Mathematics E symbol at O level

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

Students can choose one of three possible streams:

- Two languages as majors;
- One language and one social sciences & humanities as majors; or
- Two social sciences & humanities as majors.

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.

The BA programme is highly flexible and students may also include other disciplines such as Psychology, Industrial Psychology, Philosophy, Geography or language studies.

Bachelor of Administration (Public Administration)

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.

Full-time 3 years

350

- Foreign Certificate of Exemption
- Mathematics E symbol at O level

Depending on the area of specialisation, learners 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.

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.







FACULTY OF LAW

DEPARTMENT OF PRIVATE, MERCANTILE, PUBLIC, CRIMINAL AND PROCEDURAL LAW

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
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>Please note 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	<ul style="list-style-type: none"> Foreign Conditional Exemption English C at O level, 	Law enforcement officers in the following sectors: municipalities, Department of Forestry, Fisheries, SANParks, South African Police Services, metro police officers and correctional services.
Diploma: 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>Please note 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	<ul style="list-style-type: none"> Foreign Conditional Exemption English C at O level. <p>Alternatively:</p> <ul style="list-style-type: none"> 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. 	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 Art (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> <p>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.</p>	Full-time 3 years	390	<ul style="list-style-type: none"> Foreign Certificate of Exemption; English B at O level Mathematics C at O level 	<p>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 in 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>
Bachelor of Commerce (Law)				
<p>This curriculum caters for students planning a career in the business, commerce or the legal profession. 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"> Foreign Certificate of Exemption; English B at O level Mathematics B at O level 	Corporate legal advisor, lawyer.

Bachelor of Law (Extended Curriculum)

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.

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.

Full-time 5 years

370

- Foreign Conditional Exemption
- English B at O level
- Mathematics D at O level.

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.

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.

Bachelor of Law

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. The programme is designed to ensure that graduates acquire both the legal knowledge and the skills to apply the law in practice.

The Legal Skills and Practice course provides 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 and Moot Court.

Practical experience:

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.

Full-time 4 years

390

- Foreign Certificate of Exemption;
- English B at O level
- Mathematics C at O level

The LLB degree offers entry to all branches of the legal profession. Those planning to practise as legal practitioners must after obtaining the LLB degree follow it up with specialised practical training and a professional examination.

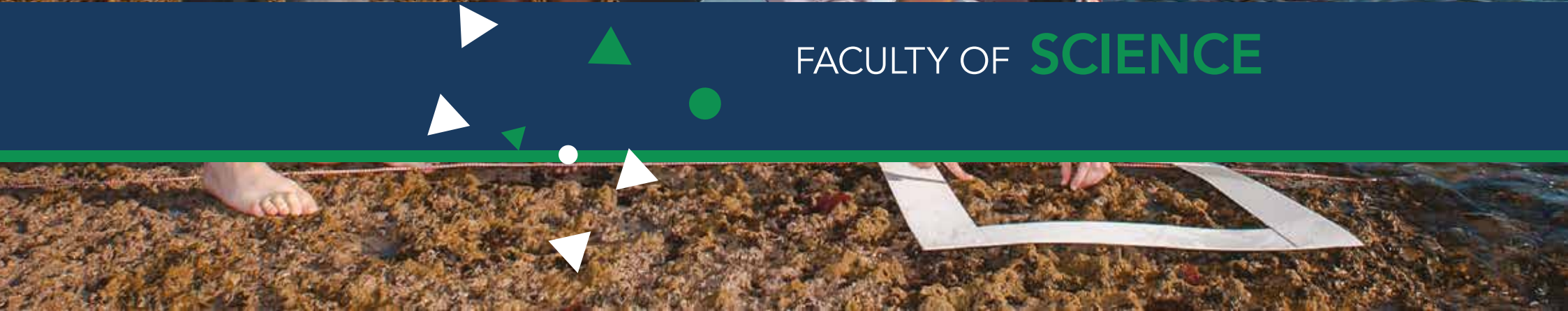
There are also career opportunities in the civil service for public prosecutors and public defenders, while legal advisers are employed in business and government. Experienced legal practitioners may be appointed as magistrates or as judges of the High Court.

Persons with a law degree and some practical experience are also in demand in a wide variety of positions outside normal legal practice.





FACULTY OF **SCIENCE**



SCHOOL OF BIOMOLECULAR & CHEMICAL SCIENCES

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Diploma: Analytical Chemistry				
<p>This programme consists of two years full-time study at Nelson Mandela University followed by a year of in-service training in 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.</p> <p>Practical lab work and theoretical studies form an essential part of chemistry programmes at Nelson Mandela University.</p>	<p>Full-time 3 years</p> <p>Incl. 1 year in-service training</p>	350	<ul style="list-style-type: none"> • Foreign Conditional Exemption • Mathematics C at O level; • Science or Physical Science C at O level 	<p>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.</p> <p>You could also be involved in research or process development or be in charge of a laboratory.</p>
Diploma: Chemical Process Technology				
<p>The course is currently the only one of its kind in South Africa.</p> <p>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.</p> <p>Apart from the formal course and practical work at Nelson Mandela University 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>	<p>Full-time 3 years</p>	350	<ul style="list-style-type: none"> • Foreign Conditional Exemption • Mathematics C at O level • Physical Science C at O level <p>Please note: 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 any previous medical illnesses like Asthma or any lung diseases.</p>	<p>Chemical Process Technician.</p> <p>The graduate 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.</p>
Diploma: Polymer Technology				
<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. The programme includes in-depth training in chemistry, and engineering and manufacturing practices related to the field.</p>	<p>Full-time 3 years</p> <p>Incl. 1 year in-service training</p>	350	<ul style="list-style-type: none"> • Foreign Conditional Exemption • Mathematics C at O level • Physical Science C at O level 	<p>Employment opportunities exist in the motor manufacturing and related supply and service industries, such as paint, tyre and plastic-component industries.</p>
Bachelor of Science (Biochemistry, Chemistry, Microbiology & Physiology) - Extended				
<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>	<p>Full-time 4 years</p>	370	<ul style="list-style-type: none"> • Foreign Conditional Exemption • Mathematics C at O level 	<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>

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Bachelor of Science (Biochemistry, Chemistry, Microbiology & Physiology)

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.

Full-time 3 years

410

- Foreign Certificate of Exemption;
- Mathematics B at O level

Career opportunities exist in industry (chemical, food, and biotechnological), teaching, research (medical, agriculture, chemistry, sport, and nutrition).

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.

SCHOOL OF COMPUTER SCIENCE, MATHEMATICS, PHYSICS & STATISTICS

Bachelor of Science (Applied Mathematics, Computer Science, Mathematical Statistics & Physics)

- BSc with majors in Applied Mathematics, Computer Science, Mathematics and Mathematical Statistics.
- BSc with majors in Applied Mathematics, Mathematics, Mathematical Statistics, Physics and Computer Fundamentals.
- BSc with majors in Applied Mathematics, Computer Science, Mathematics and Physics.
- BSc with majors in Computer Science, Mathematics and Statistics

Full-time 3 years

410

- Foreign Certificate of Exemption;
- Mathematics B at O level

BSc with majors in Applied Mathematics, Computer Science, Mathematics and Mathematical Statistics

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 and Physics

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 Physics and Computer Science or Computer Science & Information Systems

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 Computer Science & Information Systems and Mathematics

This programme provides a powerful platform for entering a variety of employment opportunities in business.

Bachelor of Science (Biological Sciences) - Extended

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.

Full-time 4 years

370

- Foreign Conditional Exemption
- Mathematics C at O level

The BSc degree should be seen as a stepping-stone which provides a foundation for a career in science.

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

Career opportunities may vary depending in which field you graduate and/or obtain a postgraduate qualification in.

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
Bachelor of Science (Biological Sciences)				
<p>BSc with majors in Botany and Zoology</p> <ul style="list-style-type: none"> • Marine Biology • Conservation Biology • Ecology • Environmental Management & Coastal zone management 	Full-time 3 years	410	<ul style="list-style-type: none"> • Foreign Certificate of Exemption • Mathematics B at O level 	Career opportunities exist in the fields of marine biology, conservation biology, ecology, environmental management, and coastal management.
Bachelor of Science (Human Movement Science & Biochemistry)				
<p>Human Movement Science can also be combined with Physiology or Biochemistry in a BSc degree.</p>	Full-time 3 years	410	<ul style="list-style-type: none"> • Foreign Certificate of Exemption; • Mathematics B at O level 	<p>Career opportunities include teaching, school and professional sport coaching, exercise and fitness instruction, sport management lecturing and research, sport psychology, biokinetics, and sport science.</p> <p>The latter three occupations would require an additional postgraduate qualification.</p>
Bachelor of Science (Physical Science and Mathematics)				
<p>This BSc degree is based on the three cornerstones 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; al with an emphasis on materials development.</p> <p>In addition, the programme provides a platform from which student can enter the field of materials science and engineering.</p> <p>Materials scientist develop and anylze 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"> • Foreign Certificate of Exemption; • Mathematics B at O level 	Researcher, Scientist, Chemist, Mathematian, Physicist, Physical Science and/or Mathematics Teacher.

SCHOOL OF ENVIRONMENTAL SCIENCES

Bachelor of Science (Geosciences) Geology and Geography - Extended

<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 tudent for successful completion of the BSc degree.</p>	Full-time 4 years	370	<ul style="list-style-type: none"> • Foreign Conditional Exemption • Mathematics C at O level 	<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>
---	-------------------	-----	---	---

Bachelor of Science (Geosciences) Geology and Geography

BSc with majors in Geography and Geology.	Full-time 3 years	410	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level 	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.
---	-------------------	-----	--	---

Bachelor of Science (Environmental Sciences) - Extended

<p>This programme for BSc studies provides alternative University access to students who have the potential to succeed, but do not meet the 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. Chemistry.</p>	Full-time 4 years	370	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics C at O level 	<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>
---	-------------------	-----	---	---

Bachelor of Science (Environmental Sciences)

BSc with two of the following majors: Geography, Geology, Botany, Zoology or Chemistry.	Full-time 3 years	410	<ul style="list-style-type: none"> Foreign Certificate of Exemption Mathematics B at O level 	Various career opportunities exist in mining, water affairs, environmental affairs, as well as in consulting and civil engineering.
---	-------------------	-----	--	---

DEPARTMENT OF NATURAL RESOURCE MANAGEMENT (GEORGE CAMPUS)

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Diploma: Agricultural Management

<p>This programme consists of two years of applied theoretical and one year experiential training. Students gain a sound grounding in animal and plant biology, ecology, financial management, human resources, marketing, law and computer applications.</p> <p>During experiential training students work with experienced agr-business managers who acts as role models and mentors in order to gain workplace experience and practical skills.</p>	<p>Full-time 3 years</p> <p>Incl. 1 year in-service training</p>	330	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics D at O level Biology C or Physical Science D or Agricultural Science C at O level 	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.
--	--	-----	---	---

Dip Agricultural Management - Extended

<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>	<p>Full-time 4 years</p> <p>Incl. 1 year in-service training</p>	310	<ul style="list-style-type: none"> Foreign Conditional Exemption Mathematics E at O level <p>And one of the following subjects:</p> <ul style="list-style-type: none"> Physical Sciences / Science / Physics E at O level or Biology/Life Sciences – D at O level or Agricultural Sciences – C at O level <p>Admission is subject to departmental selection.</p>	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.
--	--	-----	--	---

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Diploma: Game Ranch Management - Extended

This programme consists of three years of applied theoretical and one year of 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: Game Ranch Management

Full-time 4 years
Incl. 1 year in-service training

310

- Foreign Conditional Exemption
- Mathematics E at O level

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.

Diploma: Game Ranch Management

This programme consists of two years of theoretical and one year experiential training. During training, student gains a sound grounding in animal and plant biology, ecology, and human, financial and natural resource management 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 experience Game Ranch Managers who act as roles models and mentors. in this manner the student gains an expanded work perspective and an ingrained work ethic.

Full-time 3 years
Incl. 1 year in-service training

330

- Foreign Conditional Exemption
- Mathematics D at O level

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.

Diploma: Forestry - Extended

The 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 Dip: Forestry.

Full-time 4 years

310

- Foreign Conditional Exemption
- Mathematics E at O level

Career opportunities exist at private and public forestry companies, pulpwood and mining timber growers, municipalities and other local authorities.

Diploma: Forestry

This programme consists of two years of 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 & management accounting, economics and environmental management.

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. The student gains invaluable technical experience, expanded work perspective and ingrained work ethics.

Full-time 3 years

330

- Foreign Conditional Exemption
- Mathematics D at O level

Recommended Subjects:

- Physical Science
- Biology (Life Science)

Career opportunities exist at private and public forestry companies, pulpwood and mining timber growers, municipalities and other local authorities.

Qualification & Programme overview	Duration	AS Score	Admission requirements	Career opportunities
------------------------------------	----------	----------	------------------------	----------------------

Diploma: Nature Conservation - Extended

This programme consists of three years of applied theoretical and one year of 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: Nature Conservation.

Full-time 4 years
Incl. 1 year in-service training

310

- Foreign Conditional Exemption
- Mathematics E at O level
- Physical Science E at O level
- Biology (Life Science) D at O level

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.

Diploma: Nature Conservation

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.

The increasing need for community programme such as community conservation and environmental education as also covered. Weekly practical excursions supplement the theory. During experiential training student work with experienced conservators who act as role models and mentors. In this manner the student gains and expanded work perspective and an ingrained work ethic.

Full-time 3 years
Incl. 1 year in-service training

330

- Foreign Conditional Exemption
- Mathematics D at O level
- Biology C or Physical Science D at O level

Admission is subject to Departmental Selections

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.

Diploma: Wood Technology - Extended

This programme consists of three years of applied theoretical and one year of 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: Wood Technology.

Full-time 4 years
Incl. 1 year in-service training

310

- Foreign Conditional Exemption;
- Mathematics E at O level
- Physical Science E at O level

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.

Diploma: Wood Technology

This programme consists of two years of 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
Incl. 1 year in-service training

330

- Foreign Conditional Exemption
- Mathematics D at O level
- Physical Science D at O level

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.

NELSON MANDELA
UNIVERSITY

PORT ELIZABETH & GEORGE, SOUTH AFRICA

international.mandela.ac.za