

# What You Need to Know

How to use this brochure

Navigate the alphabetical list (A – Z) to find:

- Potential career/study field;
- Qualifications related to that particular career/study field;
- Duration of study;
- Applicant Score (AS) required for applicants with Mathematics, or Mathematical Literacy, or Technical Mathematics;
- Subject & minimum percentage requirements per qualification.

All qualifications are colour-coded to indicate the faculty in which they are offered.

## About us

Nelson Mandela University is the only university in the world that carries the name of Nelson Rolihlahla Mandela. The University embraces Nelson Mandela's challenge to be "caring, responsible and innovative", and recognises the importance of continuously growing and adapting in the pursuit of knowledge and lifelong learning.

We offer both general and professionally oriented university qualifications, as well as technologically and career-oriented programmes. The success of our career-focused programmes lies in the hands-on involvement of industry and business. Undergraduate programmes include higher certificates, diplomas and first degrees, i.e., bachelor's degrees. All diplomas and some degree programmes are career-focused, while others are more general and allow students to tailor their interests, aptitudes and career plans.

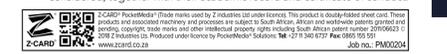
## National Senior Certificate (NSC)

- The table below explains what the minimum statutory requirements for each qualification level are (Higher Certificate, Diploma or Degree).
- The university has also set its own additional minimum entry requirements.
- Please note that the achievement of the minimum statutory requirements does not necessarily guarantee admission to any programme or field of study.

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

## Applying to Nelson Mandela University

- Your application for early admission should be submitted before the August closing date. Late applications will however only be considered after this date, based on academic merit, until the September closing date. Places for some qualifications are limited and it is therefore in your best interest to submit your application early.
- MBChB, BPharm and Bachelor or Radiography (Diagnostic) qualifications close earlier than the dates listed above. Applicants need to consult the student access & enrolment office, website, or faculty to determine annual closing dates. No late applications will be considered after the published closing date.
- Prospective students must meet the minimum statutory entry requirements based on the National Senior Certificate (NSC) or equivalent school-leaving certificate for admission to a higher certificate, diploma or degree qualification, in order to be considered.
- Submission of a completed application form does not mean that you have been accepted as a student, or that you may register. All prospective students are selected in accordance with the admissions policy of the university, and applicants will be notified of the outcome by the Student Access & Enrolment Office.
- Provisional admission is based on your Applicant Score (AS) obtained in your Grade 11 final, or Grade 12 June/September examinations.
- However, the final decision is based on your final Grade 12 exam results.
- In addition to the general university admission requirements, each programme also has its own specific requirements.
- If a programme is full, you may be denied admission even though you meet the admission requirements.
- Applicants with international or foreign qualifications must satisfy the requirements laid down by the Matriculation Board to qualify for a certificate of exemption for a particular international or foreign school-leaving qualification (refer to the table overleaf).
- In the case of applications by candidates who have studied at other higher education institutions accredited by the South African Qualifications Authority (SAQA), the results obtained at such institutions will be considered, together with their academic record and certificate of conduct.



# NELSON MANDELA UNIVERSITY



## UNDERGRADUATE PROGRAMMES

2026 GENERAL INFORMATION

## International/Foreign/NCV Level 4 equivalency conversion table

- South African and international applicants with International, NCV Level 4 or Foreign School-Leaving certificates, should use the table below to calculate an equivalent Applicant Score (AS) for admission, based on percentages obtained in such certificates.
- Applicants with international or foreign qualifications must also satisfy the requirements laid down by the Matriculation Board to qualify for a certificate of exemption for a particular international or foreign school-leaving qualification. Applications for such certificates must be made to the Matriculation Board directly: <https://mb.usaf.ac.za/>
- Applicants will have to comply with the minimum Applicant Score (AS) set for the UG qualification they wish to apply for, as well as meet any other additional subject requirements directly.
- To calculate your Applicant Score (AS) use the symbols/achievement rating/percentages obtained in your school-leaving examinations in order to convert them to an equivalent achievement standard on the National Senior Certificate (NSC).

Subjects to use when calculating the Applicant Score*	Senior Cert MG	Senior Cert SO	HIGCSE NSSC HL	IGCSE NSSC OL	O-LEVEL	AS	A-LEVEL	IB HL	IB SL	KCSE	NC/V4** Fundamental	NC/V4 Vocational
115												
105												
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	4	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	5	D	D							3 (50-69%)
35	FF	E	6	E	E							2 (40-49%)
25	G, GG, H	F, FF, G, GG, H		F, G						F, G		1 (0-39%)

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

- Key:
  - NSC - National Senior Certificate
  - O-Level - Ordinary Level
  - Senior Cert HG - Senior Certificate Higher Grade
  - AS - Advanced Subsidiary
  - Senior Cert SG - Senior Certificate Standard Grade
  - A-Level - Advanced Level

HIGCSE - Higher International Graduate Certificate of Secondary Education  
 IB HL - International Baccalaureate Schools (Higher Levels)  
 IGCSE - International Graduate Certificate of Secondary Education  
 IB SL - International Baccalaureate Schools (Standard Levels)  
 NSSC HL - Namibian Senior Secondary Certificate Higher Levels  
 KCSE - Kenyan Certificate of Secondary Education  
 NSSC OL - Namibian Senior Secondary Certificate Ordinary Levels  
 NCV 4 - National Certificate Vocational Level 4

- Sports equipment (if applicable).
- Transport.
- Meals.
- On-or-off campus-accommodation and general living expenses.

The University offers various forms of bursaries and loans to both new and current students, including our scholar and student merit awards. Funds are also administered from corporate donors and from the National Student Financial Aid Scheme (NSFAS) to assist students in financing their studies. More information on these options can be obtained from the Financial Aid Office on T: 041 504 1111 / E: financialaid@mandela.ac.za

## Accommodation

**On-campus:** The university provides comfortable on-campus accommodation options. These include the residences on the Summerstrand, Second Avenue and George campuses and the Student Village in Summerstrand, which consists of self-catering units. As accommodation is limited, early application is essential. T: (041) 504 1416 / E: resadmissions@mandela.ac.za

**Off-campus:** Some students prefer living off campus. Off-campus accommodation options include renting flats and houses or boarding at nearby private residences. The Student Housing office offers a service to assist students in finding suitable off-campus accommodation.

## Students who are differently abled

The university strives to ensure that all campus facilities are accessible to students who are differently abled. Every reasonable attempt will be made to provide students with the assistance they require. Your disability status is confidential, however, if we are not aware of your disability, we will not be in a position to offer reasonable support. If the disability is not self-evident, the university may require the applicant to disclose sufficient information to confirm his/her disability, or to ensure that reasonable consideration may be granted. For more information on accessibility and how your particular disability may be accommodated, you are advised to contact the Universal Accessibility & Disability Services (UADS) unit, on 041-504 2313 or e-mail: disability@mandela.ac.za as early as possible. Early enquiries during the year preceding application are encouraged, so that requests may be considered prior to admission.

## Madibaz Sport

Various sport codes ranging from athletics to surfing are on offer at various levels. The impressive sport facilities include an athletics stadium with an Olympic-standard tartan track, an Astroturf and grass hockey fields, an indoor-heated swimming pool, squash courts, a nine-hole golf course on George Campus, rugby, soccer, cricket fields and tennis courts. Well-equipped health and fitness centres offer professional gym facilities at student prices, and provide assistance with sport performance testing, sport-specific training and injury rehabilitation.

**Sport Codes include:**

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

## How to calculate your Applicant Score (AS)

- First look up the Applicant Score (AS) for the qualification you are applying for – also note any required subjects.
- Your Applicant Score (AS) will be different if you took Mathematics, Mathematical Literacy or Technical Mathematics at school.
- Your Applicant Score (AS) is calculated using six subjects. Please note that Life Orientation (LO) is excluded.
- Write down your Grade 12 subjects and the most recent percentage (%) obtained in each subject (NO GR 12 March results).
- You MUST include the results for the following three compulsory subjects: 1) Home language; 2) 1st Add. Language; and 3) Maths; or Maths Lit; or Technical Maths.
- For applicants with seven Grade 12 NSC subjects, the AS is calculated by adding the percentages for the six 20-credit subjects (Note that the Life Orientation percentage is not included as it is a 10-credit subject). This gives a score out of 600.
- For those applicants taking eight or more subjects the AS is calculated as follows: add the percentages obtained for the three compulsory / fundamental subjects (the two languages and Mathematics, or Mathematical Literacy, or Technical Mathematics.), plus the percentage(s) for any subject(s) required by the programme, together with the percentage(s) for the next best / highest subject(s), to a maximum of six subjects.
- In addition, for those applicants from quintile 1 to 3 schools who attain 50% or higher for Life Orientation, 7 points are added to their score out of 600 to arrive at their final AS.
- Compare your AS & subject requirements to the minimum needed for the qualification you want to apply for.
- If your Applicant Score (AS) & subject requirements are below the minimum required, you will need to consider another qualification for which you do qualify.

## Important contact numbers

<b>Contact Centre</b>	041 – 504 1111
<b>Student Access &amp; Enrolment Office</b>	041 – 504 1111 041 – 504 2945 041 – 504 2593
<b>Madibaz Sport</b>	041 – 504 2165 044 – 801 5111 (George Campus)
<b>George Campus</b>	044 – 801 5111
<b>E-mail</b>	info@mandela.ac.za george-info@mandela.ac.za financialaid@mandela.ac.za

## Faculty Key

<b>Faculty of Business &amp; Economic Sciences</b>	Plum
<b>Faculty of Education</b>	Orange
<b>Faculty of Engineering, the Built Environment &amp; Technology</b>	Light Blue
<b>Faculty of Health Sciences</b>	Light Green
<b>Faculty of Humanities</b>	Yellow
<b>Faculty of Law</b>	Lilac
<b>Faculty of Science</b>	Dark Green

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

**Financial facts**

Before registering as a student, you need to determine whether you will have sufficient funds to finance your studies.

Costs involved in higher education include:

- Registration, enrolment & tuition fees.
- Textbooks, study material & stationery.

## Minimum Admission Requirements

Career/study field	Qualification	Faculty	Delivery mode & Duration of study	Applicant Score (AS) with:			Subject(s) & % Required
				Maths	Maths Lit	Tech Maths	

<b>Accounting / Accountancy</b> <small>(Also see: Chartered Accounting, Cost &amp; Management Accounting, Internal Auditing)</small>  <small>*also offered on George Campus</small>	BCom (Accounting)*		Full-time 3 years Part-time 5 years	410	-	-	Mathematics – 60%	
	BCom: General (Accounting)*		Full-time 3 years Part-time 5 years	370	-	-	Mathematics – 50%	
	or BCom: General (Accounting) – Extended Curriculum*		Full-time 4 years	390	-	-	Mathematics – 45%	
	Ad/Dip: Accountancy (Professional Accounting) or Ad/Dip: Accountancy (Internal Auditing)		Full-time 1 year Part-time 2 years	-	-	-	A relevant 360-credit Diploma in Accountancy, or an equivalent NCV Level 4 qualification in a cognate field.	
	or Advanced Diploma: Business Studies (Financial Planning and Services)		Full-time 1 year Part-time 2 years	-	-	-	A relevant 360-credit Diploma in the chosen field of specialisation listed, or an equivalent qualification. Candidates must have majored in at least one of the following fields (or its equivalent) in their previous qualification: Management majoring in Financial Management, Internal Accounting, Internal Auditing, and Management Accounting.	
	Dip (Accountancy)		Full-time 3 years Part-time 5 years	350	365	350	Mathematics – 45%, or Maths Literacy – 65%, or Technical Maths – 35%	
	HCert (Accountancy)		Full-time 1 year	290	305	290	Mathematics – 35%, or Maths Literacy – 60%, or Technical Maths – 35%	
	<b>Accounting Science</b> <small>(Chartered Accounting plus one of the following majors: Business Management/Economics, or Computer Science &amp; Information Systems, or Law)</small>	BCom: Accounting Science (Economics & Business Management) or BCom: Accounting Science (Law)		Full-time 4 years	410	-	-	Mathematics – 65%
	or BCom: Accounting Science (Computer Science & Information Systems)		Full-time 4 years	410	-	-	Mathematics – 65%	
	<b>Advertising (Communication)</b> <small>(also offered on George Campus)</small>	Ad/Dip (Public Relations Management)		Full-time 1 year (block release)	-	-	-	See Public Relations Management
Dip (Public Relations Management)		Full-time 3 years (including 1 year in-service training)	330	345	345	Mathematics – 30%, or Maths Literacy – 50%, or Technical Maths – 50%		
Ad/Dip: Business Studies (Marketing Management)		Full-time 1 year Part-time 2 years	-	-	-	A relevant 360-credit Diploma in Marketing, or an equivalent qualification.		
Dip (Marketing)*		Full-time 3 years	330	345	330	Mathematics – 40%, or Maths Literacy – 60%, or Technical Maths – 40%		
Dip (Marketing) – Extended Curriculum*		Full-time 4 years	310	325	310	Mathematics – 35%, or Maths Literacy – 55%, or Technical Maths – 35%		
BA (Media, Communication & Culture)		Full-time 3 years	350	365	365	Any one NSC (Home or 1st Add Lang) – 60%, Mathematics – 50%, or Maths Literacy – 55%, or Technical Maths – 55%		
BCom (Marketing & Business Management)		Full-time 3 years	390	-	-	Mathematics – 50%		
<b>Advertising (Design)</b>	Bachelor of Visual Art (BVA)		Full-time 3 years	350	365	365	See Art and Design	
<b>Agricultural Management</b> <small>(also offered on George Campus)</small>	Ad/Dip (Agricultural Management)*		Full-time 1 year or block release 2 years	-	-	-	Dip (Agricultural Management) or equivalent qualification. Students will only be able to register for Plant Production 4 (APP400) or Plant Production 3 (APP300) or an equivalent module is passed at diploma level.	
Dip (Agricultural Management)*		Full-time 3 years (including 1 year in-service training)	330	345	330	Mathematics – 40%, or Maths Literacy – 60%, or Technical Maths – 40%, Life Sciences – 50%, or Physical Science – 40%, or Agricultural Science – 35%, or Technical Science – 40%. Admission is subject to departmental selection.		
<b>Anthropology</b>	Bachelor of Arts (BA)		Full-time 3 years	350	365	365	Any one NSC (Home or 1st Add Lang) – 60%, Mathematics – 50%, or Maths Literacy – 55%, or Technical Maths – 55%	
<b>Applied Mathematics</b>	BSc (Applied Mathematics, Computer Science, Mathematical Statistics and Physics)		Full-time 3 years	410	-	-	Mathematics – 65%	
<b>Art and Design</b> <small>Please note: This generic first-year programme provides the first year of study for the BA in the following fields: Fashion &amp; Textiles Fine Art (incl. Graphic Design) Photography</small>	Bachelor of Visual Art (BVA)		Full-time 3 years	350	365	365	Admission is subject to departmental selection. Qualifying applicants will be required to prepare a prescribed portfolio, undertake an interview with the Department's staff as well as a discussion of your portfolio, and complete a placement assessment.	
<b>Architectural Technology</b>	Ad/Dip (Architectural Design)		Full-time 1 year	-	-	-	Dip (Architectural Technology) + module specific pass requirements	
Ad/Dip (Architectural Technology)		Full-time 1 year	-	-	-	-	Dip (Architectural Technology) + module specific pass requirements	
Dip (Architectural Technology)		Full-time 3 years	330	345	330	Mathematics – 45%, or Maths Literacy – 60%, or Technical Maths – 45%. Admission is subject to departmental selection.		
<b>Architecture</b>	BAS (Architecture)		Full-time 3 years	370	-	-	Mathematics – 55%. Admission is subject to departmental selection.	
<b>Biochemistry</b>	BSc (Biochemistry, Chemistry, Microbiology & Physiology) or BSc (Biochemistry, Chemistry, Microbiology & Physiology) – Extended Curriculum*		Full-time 3 years Full-time 4 years	410 370	-	-	Mathematics – 60% Mathematics – 50%	
<b>Biokinetics (Exercise Science)</b>	Bachelor of Health Science (Biokinetics)		Full-time 4 years	370	385	385	Mathematics – 50%, or Maths Literacy – 65%, or Technical Maths – 65% + Life Sciences – 50% and Medical Report	
<b>Botany</b> <small>(only offered on George Campus)</small>	BSc (Biological Sciences) or BSc (Biological Sciences) – Extended Curriculum*		Full-time 3 years Full-time 4 years	410 370	-	-	Mathematics – 60% Mathematics – 50%	
Ad/Dip (Nature Conservation)*		Full-time 1 year	-	-	-	-	See Nature Conservation	
Dip (Nature Conservation)*		Full-time 3 years	330	345	330	330	See Nature Conservation	
Ad/Dip (Forestry)*		Full-time 1 year Part-time 2 years	-	-	-	-	See Forestry	
Dip (Forestry)*		Full-time 3 years	330	345	330	330	See Forestry	
<b>Broadcasting</b>	BA (Media, Communication & Culture)		Full-time 3 years	350	365	365	See Media, Communication & Culture	
<b>Building</b>	Ad/Dip (Construction Management) or Dip (Building) or BSc: Construction Economics or BSc: Construction Studies) or BAS (Architecture) or Ad/Dip: (Architectural Design) or Ad/Dip: (Architectural Technology) or Dip (Architectural Technology)		Full-time 1 year Full-time 3 years Full-time 3 years Full-time 3 years Full-time 1 year Part-time 2 years Full-time 3 years	- - - - -	- - - - -	- - - - -	Diploma (Building), or an equivalent qualification. A weighted average of 60% in the final year of study in the diploma and students must obtain at least 60% for the core module (Construction Management). See Quantity Surveying Mathematics – 45%, or Technical Maths – 45% See Construction Economics See Construction Studies See Architecture See Architectural Technology	
<b>Business Administration</b> <small>(also offered on George Campus) **only offered on George Campus</small>	BCom: General (Business Management)* or BCom: General (Business Management) – Extended Curriculum*		Full-time 3 years Part-time 5 years Full-time 4 years	390 370 370	-	-	Mathematics – 50% Mathematics – 45%	
<b>Business Management</b> <small>(also offered on George Campus)</small>	BCom: General (Business Management and Industrial & Organisational Psychology)** or BCom: General (Business Management) – Extended Curriculum*		Full-time 3 years Part-time 5 years Full-time 4 years	390 370 370	-	-	Mathematics – 45% Mathematics – 65% Mathematics – 50%	
<b>Business Studies</b> <small>(also offered on George Campus)</small>	HCert (Business Studies)*		Full-time 1 year	290	305	290	Mathematics – 30%, or Maths Literacy – 50%, or Technical Maths – 30%	

## Minimum Admission Requirements

Career/study field	Qualification	Faculty	Delivery mode & Duration of study	Applicant Score (AS) with:			Subject(s) & % Required
				Maths	Maths Lit	Tech Maths	

<b>Ceramic Design</b>	Bachelor of Visual Art (BVA)		Full-time 3 years	350	365	365	See Art and Design
	<b>Chartered Accountancy</b> <small>(also offered on George Campus)</small>	BCom (Accounting)* or BCom: Accounting Science (Business Management/Economics, or Law), or Computer Science & IS)		Full-time 3 years Part-time 5 years	410	-	Mathematics – 60%
			Full-time 4 years	410	-	-	Mathematics – 65%
<b>Chemistry</b>	BSc (Biochemistry, Chemistry, Microbiology & Physiology) or BSc (Biochemistry, Chemistry, Microbiology & Physiology) – Extended Curriculum*		Full-time 3 years Full-time 4 years	410 370	-	-	Mathematics – 60% Mathematics – 50%
<b>Analytical Chemistry</b>	Ad/Dip (Analytical Chemistry)		Full-time 1 year	-	-	-	Dip (Analytical Chemistry) or BSc degree with chemistry as major, or an equivalent qualification with chemistry or analytical chemistry as a minor. Applicants should have passed their final chemistry modules with at least 60% average on the first attempt
<b>Chemical Process Technology</b>	Dip (Chemical Process Technology)		Full-time 3 years (including 1 year Work Integrated Learning (WIL))	350	-	-	Mathematics – 55% and Physical Science – 50%. <b>Please note:</b> consider this programme if you have had any previous medical illness like Asthma or lung diseases
<b>Civil Engineering</b>	Bachelor of Engineering Technology (Civil Engineering)		Full-time 3 years	370	-	370	Mathematics – 60%, or Technical Maths – 60%, and Physical Science – 50% or Technical Science – 50% <b>Alternatively:</b> A Higher Certificate in Mechanical Engineering, or Higher Certificate in Renewable Energy Engineering as awarded by Nelson Mandela University, with an average of 60% or better, and a minimum of 60% for Mathematics (MAT101)
<b>Computer Science &amp; Information Systems</b> <small>(See Information Technology/Information Systems)</small>	BCom (Computer Science & Information Systems) or BCom: Accounting Science (Computer Science & IS) or BSc (Applied Mathematics, Mathematics, Computer Science, Mathematical Statistics & Physics)		Full-time 3 years Full-time 4 years Full-time 3 years	390 410 410	-	-	Mathematics – 60% Mathematics – 65% Mathematics – 65%
<b>Conservation Biology</b>	BSc (Biological Sciences) or BSc (Biological Sciences) – Extended Curriculum*		Full-time 3 years Full-time 4 years	410 370	-	-	Mathematics – 60% Mathematics – 50%
<b>Construction Economics</b>	BSc: Construction Economics		Full-time 3 years	370	-	-	Mathematics – 55%
<b>Construction Management</b>	Ad/Dip (Construction Management) or Dip (Building)		Full-time 1 year Full-time 3 years	330 330	-	330	See Building Mathematics – 45%, or Technical Maths – 45%. Admission is subject to departmental selection.
<b>Construction Studies</b>	BSc (Construction Studies)		Full-time 3 years	370	-	-	Mathematics – 55%
<b>Cost &amp; Management Accounting</b> <small>(also offered on George Campus)</small>	BCom (Accounting Science) or BCom (Accounting) or BCom: General (Economics)* or BCom: General (Economics) – Extended Curriculum*		Full-time 4 years Full-time 3 years Part-time 5 years Full-time 3 years Part-time 5 years Full-time 4 years	410 410 390 370 370	-	-	See Accounting/Accountancy See Accounting/Accountancy See Accounting/Accountancy See Accounting/Accountancy
Ad/Dip: Accountancy (Professional Accounting) or Ad/Dip: Accountancy (Internal Auditing)		Full-time 1 year Part-time 2 years	-	-	-	-	See Accounting/Accountancy
Advanced Diploma: Business Studies (Financial Planning and Services)		Full-time 1 year Part-time 2 years	-	-	-	-	See Accounting/Accountancy
Dip (Accountancy)		Full-time 3 years Part-time 5 years	350 365	350	365	350	Mathematics – 45%, or Maths Literacy – 65%, or Technical Maths – 45%
HCert (Accountancy)		Full-time 1 year	290	305	290	290	Mathematics – 35%, or Maths Literacy – 60%, or Technical Maths – 35%
<b>Development Studies</b>	BA (Development Studies)		Full-time 3 years	350	365	350	Mathematics – 40%, or Maths Literacy – 70%, or Technical Maths – 60%
<b>Dietetics/Dietitian</b>	BSc (Dietetics)		Full-time 4 years	390	-	-	Mathematics – 60% and Physical Sciences – 60%
<b>Economics</b> <small>(also offered on George Campus)</small>	BCom (Logistics & Transport Economics) or BCom: General (Economics)* or BCom: General (Economics) – Extended Curriculum*		Full-time				

Career/study field	Qualification	Faculty	Delivery mode & Duration of study	Minimum Admission Requirements			Career/study field	Qualification	Faculty	Delivery mode & Duration of study	Minimum Admission Requirements			Career/study field	Qualification	Faculty	Delivery mode & Duration of study	Minimum Admission Requirements					
				Applicant Score (AS) with:							Subject(s) and % Required							Applicant Score (AS) with:			Subject(s) and % Required		
				Maths	Maths Lit	Tech Maths					Maths	Maths Lit	Tech Maths					Maths	Maths Lit	Tech Maths	Maths	Maths Lit	Tech Maths
<b>Education: Further Education and Training</b>	POCCE FET (Postgraduate Certificate in Education: Further Education and Training)		Full-time 1 year Part-time 2 years	-	-	-	Bachelor's degree with at least two school related subjects at third year degree level (NQF 7) English (home language or second additional language) AND Afrikaans or isiXhosa (home language or first additional language). Passed Computer literacy (completion date not older than 8 years). Applicants must have obtained a minimum average of 60% for their undergraduate degree.		Full-time 3 years	370	-	370	Mathematics - 60%, or Technical Maths - 60% and Physical Science - 50%, or Technical Science - 50%.	<b>Marketing</b>	BCom (Marketing & Business Management) or Ad/Dip (Marketing Management)*		Full-time 3 years Part-time 2 years	390	-	-	Mathematics - 50% or a relevant 360-credit Diploma or an equivalent qualification.		
<b>Education: Senior Phase and Further Education and Training</b>	POCCE SP & FET (Postgraduate Certificate in Education: Senior Phase and Further Education and Training)		Full-time 1 year Part-time 2 years	-	-	-	Bachelor's degree, with the required school related subjects at the compulsory levels. Candidates must have passed at least one school approved specialisation subject at third year level (NQF 7) and one school approved subject at second year level. English (home language or first additional language) AND Afrikaans or isiXhosa (home language or first additional language). Passed Computer literacy (completion date not older than 8 years). Applicants must have obtained a minimum average of 60% for their undergraduate degree.		Full-time 3 years	350	365	365	Mathematics - 60%, or Technical Maths - 60% and Physical Science - 50%, or Technical Science - 50%.	<b>Marketing</b>	Dip (Marketing)* or Dip (Marketing) - <b>Extended Curriculum*</b>		Full-time 3 years Part-time 4 years	330	345	330	Mathematics - 40%, or Maths Literacy - 60%, or Technical Maths - 40%.		
<b>Education: Technical and Vocational Teaching</b>	Advanced Diploma (Technical & Vocational Teaching) * (availability for admission into the part-time programme applicants must be employed at a TVET/private college)		Full-time 1 year Part-time 2 years	-	-	-	A relevant NQF Level 6 diploma or bachelor's degree in a field related to the technical/vocational subject to be taught in TVET programmes. The disciplinary knowledge (or a substantial part thereof) must have been studied at the exit level of the entry qualification.		Full-time 3 years	390	-	390	Mathematics - 60%	<b>Mathematics</b>	BSc (Applied Mathematics, Computer Science, Mathematical Statistics and Physics)		Full-time 3 years	410	-	-	Mathematics - 65%		
<b>Electrical Engineering</b>	Bachelor of Engineering Technology (Electrical Engineering)		Full-time 3 years	370	-	370	Mathematics - 60%, or Technical Maths - 60%, and Physical Science - 50% or Technical Science - 50%. <b>Alternatively:</b> A Higher Certificate in Mechanical Engineering, or Higher Certificate in Renewable Energy Engineering as awarded by Nelson Mandela University, with an average of 60% or above and a minimum of 60% for Mathematics (MAT101).		Full-time 3 years	370	-	-	Mathematics - 50%, or Technical Maths - 50%.	<b>Information Systems</b>	BCom: IS (Business Management) or BCom (Computer Science & Information Systems)		Full-time 3 years	390	-	-	Mathematics - 60%		
<b>Environmental Health</b>	Bachelor of Environmental Health		Full-time 4 years	390	-	-	Mathematics - 50%, Physical Sciences - 50%, Life Sciences - 50%. Admission is subject to departmental selection.		Full-time 3 years	330	-	-	Mathematics - 45%, or Technical Maths - 45%.	<b>Information Technology</b>	Bachelor of Information Technology (BIT) or Ad/Dip (Information Technology)		Full-time 3 years	370	-	-	Mathematics - 50%, or Technical Maths - 50%.		
<b>Environmental Management</b>	BSc (Biological Sciences) or BSc (Biological Sciences) - <b>Extended Curriculum</b>		Full-time 3 years	410	-	-	Mathematics - 60%		Full-time 3 years	330	345	330	Mathematics - 45%, or Technical Maths - 45%.	<b>Interior Design</b>	Dip: IT (Communication Networks) or Dip: IT (Software Development) or Dip: IT (Support Services)		Full-time 3 years	330	345	330	Mathematics - 45%, or Technical Maths - 45%.		
<i>*(only offered on George Campus)</i>	AdVdip (Nature Conservation)*		Full-time 1 year	-	-	-	See <b>Nature Conservation</b>		Full-time 3 years	330	345	330	Mathematics - 40%, or Maths Literacy - 60%, or Technical Maths - 40%.	<b>Computer Science &amp; Information Systems</b>	BCom (Computer Science & Information Systems) or BCom: Accounting Science (Computer Science & Information Systems) or BSc (Computer Science, Mathematics & Statistics)		Full-time 3 years	390	-	-	See <b>Computer Science/Information Systems</b>		
<b>F</b>																							
<b>Fashion</b>	Bachelor of Visual Art (BVA)		Full-time 3 years	350	365	365	See <b>Art &amp; Design</b>		Full-time 3 years	315	330	315	Mathematics - 30%, or Maths Literacy - 45%, or Technical Maths - 30%. Admission is subject to departmental selection & submission of a creative portfolio of work and complete a placement assessment.	<b>Media, Communication &amp; Culture</b>	BA (Media, Communication & Culture)		Full-time 3 years	350	365	365	Any one NSC Home or 1st Add Lang - 60% and Mathematics - 50% or Technical Maths - 55%.		
<b>Financial Information Systems (also see Information Systems)</b>	BCom (Accounting)*		Full-time 3 years or 5 years	410	-	-	See <b>Accounting/Acceptancy</b>		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Medical Practitioner (Doctor)*</b>	Bachelor of Medicine and Bachelor of Surgery (MChB) *(Online applications close 30 June)		Full-time 6 years	430	-	-	English (Home or 1st Add Lang) - 60%, Mathematics - 60%, Physical Sciences - 50%. Admission is subject to departmental selection.		
<i>*(also offered on George Campus)</i>	BCom (Financial Planning) or BCom (Financial Planning) - <b>Extended Curriculum</b>		Full-time 4 years	370	-	-	Mathematics - 45%		Full-time 3 years	370	-	-	Mathematics - 60%	<b>Microbiology</b>	BSc (Biochemistry, Chemistry, Microbiology & Physiology) or BSc (Biochemistry, Chemistry, Microbiology & Physiology) - <b>Extended Curriculum</b>		Full-time 3 years	410	-	-	Mathematics - 60%		
	BCom: General (Accounting)* or BCom: General (Accounting) - <b>Extended Curriculum*</b>		Full-time 3 years or 5 years	390	-	-	See <b>Accounting/Acceptancy</b>		Full-time 3 years	370	-	-	Mathematics - 50%	<b>Multimedia (Methodology)</b>	BA (Media, Communication and Culture)		Full-time 3 years	350	365	365	See <b>Media, Communication and Culture</b>		
	AdVdip: Accounting (Professional Accounting) or AdVdip: Accounting (Internal Auditing)		Full-time 1 year Part-time 2 years	370	-	-	See <b>Accounting/Acceptancy</b>		Full-time 1 year Part-time 2 years	350	365	350	See <b>Accounting/Acceptancy</b>	<b>Music</b>	Specialisation fields: Diploma in Music (Curriculum 2) This programme is designed for students who do not have prior learning in music but who do not qualify for entry into degree studies.		Full-time 3 years	290	305	305	Admission is subject to an audition in the candidate's chosen First Instrument, during which vocal or instrumental musical performance ability must be successfully demonstrated. A minimum standard of musical performance equivalent to grade 2 of the external examinations (Umsa, ABSRMA, Trinity Guildhall) is required for admission to First Instrument. Intermediate (IMPT13), and a minimum standard of musical performance equivalent to grade 6 of the external examinations for music (Umsa, ABSRMA, Trinity Guildhall) is required for admission to First Instrument. Advanced (IMFV10).		
	Dip (Accountancy)		Full-time 3 years Part-time 5 years	350	365	350	See <b>Accounting/Acceptancy</b>		Full-time 3 years	290	305	290	See <b>Accounting/Acceptancy</b>	<b>Diploma in Music (Curriculum 1)</b>	Diploma in Music (Curriculum 1) However, admission is subject to an audition in the candidate's chosen First Instrument, during which vocal or instrumental musical performance ability must be successfully demonstrated.		Full-time 3 years	290	305	305	No prior formal learning in music is required. However, admission is subject to an audition in the candidate's chosen First Instrument, during which vocal or instrumental musical performance ability must be successfully demonstrated.		
<b>Financial Planning</b>	BCom (Financial Planning) or BCom (Financial Planning) - <b>Extended Curriculum</b>		Full-time 3 years	390	-	-	Mathematics - 50%		Full-time 3 years	290	305	290	Mathematics - 30%, or Maths Literacy - 50%, or Technical Maths - 30%.	<b>BMus (School Music) or BMus (Performing Arts) or BMus (Music Technology) or BMus (General)</b>	BMus (School Music) or BMus (Performing Arts) or BMus (Music Technology) or BMus (General)		Full-time 4 years	350	365	365	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 in the applicant's chosen First Instrument and to a music theory entrance test.		
<b>Fine Art</b>	Bachelor of Visual Art (BVA)		Full-time 3 years	350	365	365	See <b>Art &amp; Design</b>		Full-time 3 years	350	365	365	Any one NSC (Home or 1st Add Lang) - 60% and Mathematics - 35% or Maths Literacy - 55% or Technical Maths - 55%.	<b>BMus (General) - Extended Curriculum</b>	BMus (General) - <b>Extended Curriculum</b>		Full-time 5 years	330	345	345	Admission is subject to departmental selection based on an audition in the applicant's chosen First Instrument and to a music theory entrance test.		
<b>Forensic Analyst</b>	BSc (Biochemistry, Chemistry, Microbiology & Physiology) or BSc (Biochemistry, Chemistry, Microbiology & Physiology) - <b>Extended Curriculum</b>		Full-time 3 years	410	-	-	Mathematics - 60%		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Journalism</b>	BA (Media, Communication & Culture)		Full-time 3 years	350	365	365	Any one NSC (Home or 1st Add Lang) - 60% and Mathematics - 35% or Maths Literacy - 55% or Technical Maths - 55%.		
	AdVdip (Analytical Chemistry)		Full-time 1 year	-	-	-	Dip (Analytical Chemistry) or BSc majoring in Chemistry in either case, the credit-weighted average mark for final year academic chemistry modules must be at least 60%.		Full-time 4 years	390	-	-	English (Home Lang) - 65% or English (1st Add Lang) - 70% and Mathematics - 60%.	<b>Law</b>	LLB or LLB - <b>Extended Curriculum</b>		Full-time 4 years	390	-	-	English (Home Lang) - 65% or English (1st Add Lang) - 70% and Mathematics - 60%.		
	Dip (Analytical Chemistry)		Full-time 3 years (including 1-year in-service training)	350	-	-	Mathematics - 55% and Physical Sciences - 50%.		Full-time 3 years	390	-	-	English (Home Lang) - 60% or English (1st Add Lang) - 65% and Mathematics - 60%.	<b>Law</b>	BCom (Law) + two-year post LLB degree		Full-time 3 years	390	-	-	English (Home Lang) - 65% or English (1st Add Lang) - 70% and Mathematics - 60%.		
<b>Forestry</b>	AdVdip (Forestry)*		Full-time 1 year Part-time 2 years	370	-	-	Dip (Forestry) or an equivalent qualification. Candidates will only be considered if their average pass mark for the diploma is at least 60%.		Full-time 3 years	390	405	405	English (Home Lang) - 65% or English (1st Add Lang) - 70% and Mathematics - 50% or Maths Literacy - 75%, or Technical Maths - 75%.	<b>Law Enforcement</b>	Dip (Law Enforcement)*		Full-time 3 years	330	345	345	English (Home Lang) - 55% or English (First Add Lang) - 60%, or H/Cert (Criminal Justice) with an average mark of at least 60%. Admission is subject to departmental selection.		
<i>*(only offered on George Campus)</i>	Dip (Forestry)*		Full-time 3 years	330	345	330	Mathematics - 40%, or Maths Literacy - 60%, or Technical Maths - 40%. Life Sciences - 50%, or Physical Science - 40%, or Agricultural Science - 50%, or Technical Science - 40%. Admission is subject to departmental selection.		Full-time 4 years	410	-	-	English (Home Lang) - 65% or English (1st Add Lang) - 70% and Mathematics - 65%.	<b>Logistics</b>	H/Cert (Law Enforcement)*		Full-time 1 year	310	325	325	English (Home Lang) - 50% or English (1st Add Lang) - 55%.		
<b>Food Service Manager</b>	BCom (Food Service Management)		Full-time 3 years	390	-	-	Mathematics - 50%		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Logistics</b>	BCom (Logistics & Transport Economics) or AdVdip (Logistics Management)		Full-time 3 years	390	-	-	Mathematics - 50%		
<b>G</b>																							
<b>Game Ranch Management</b>	AdVdip (Game Ranch Management)		Full-time 1 year or block release 2 years	-	-	-	Dip (Game Ranch Management) or an equivalent qualification. Candidates will only be considered if their average pass mark for the diploma is at least 60%.		Full-time 1 year Part-time 2 years	330	345	330	Mathematics - 40%, or Maths Literacy - 60%, or Technical Maths - 40%.	<b>Logistics</b>	Dip (Logistics) or Dip (Logistics) - <b>Extended Curriculum</b>		Full-time 3 years	330	345	330	Mathematics - 40%, or Maths Literacy - 60%, or Technical Maths - 40%.		
<b>Geology</b>	BSc (Geosciences) or BSc (Geosciences) - <b>Extended Curriculum</b>		Full-time 3 years	410	-	-	Mathematics - 60%		Full-time 4 years	310	325	310	Mathematics - 35%, or Maths Literacy - 55%, or Technical Maths - 35%.	<b>Logistics</b>	H/Cert (Business Studies)		Full-time 1 year	290	305	290	Mathematics - 30%, or Maths Literacy - 50%, or Technical Maths - 30%.		
<b>Geography (Environmental)</b>	BA or BSc (Geosciences) or BSc (Geosciences) - <b>Extended Curriculum</b>		Full-time 3 years	350	365	365	Any one NSC Home or 1st Add Lang - 60% and Mathematics - 35% or Maths Literacy - 55% or Technical Maths - 55%.		Full-time 3 years	370	-	-	Mathematics - 50%	<b>Management</b>	BCom (Marketing & Business Management) or BCom: General (Business Management)* or BCom: General (Business Management) - <b>Extended Curriculum*</b>		Full-time 3 years	390	-	-	Mathematics - 50%		
<b>Graphic Design</b>	Bachelor of Visual Art (BVA)		Full-time 3 years	350	365	365	See <b>Art &amp; Design</b>		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Management</b>	BCom (Marketing & Business Management) or BCom: General (Business Management)* or BCom: General (Business Management) - <b>Extended Curriculum*</b>		Full-time 3 years	390	-	-	Mathematics - 50%		
<b>H</b>																							
<b>History</b>	Bachelor of Arts (BA)		Full-time 3 years	350	365	365	Any one NSC Home or 1st Add Lang - 60% and Mathematics - 35% or Maths Literacy - 55% or Technical Maths - 55%.		Full-time 3 years	390	-	-	Mathematics - 45%	<b>Marine Biology</b>	BSc (Biological Sciences) or BSc (Biological Sciences) - <b>Extended Curriculum</b>		Full-time 3 years	410	-	-	Mathematics - 60%		
<b>Hospitality Management</b>	BCom (Hospitality Management)		Full-time 3 years	390	405	390	Mathematics - 50% or Maths Literacy - 70%, or Technical Maths - 50%.		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Marine Engineering</b>	Bachelor of Engineering Technology (Marine Engineering)		Full-time 3 years	370	-	-	Mathematics - 60% or Technical Maths - 60% and Physical Science - 50% or Technical Science - 50%.		
<b>Human Movement Science (also see Biokinetics)</b>	Bachelor of Health Sciences (Biokinetics) or Bachelor of Human Movement Science (BHMS)		Full-time 4 years	370	385	385	See <b>Biokinetics</b>		Full-time 1 year Part-time 2 years	-	-	-	A relevant 360-credit Diploma or an equivalent qualification.	<b>Marine Biology</b>	BSc (Biological Sciences)		Full-time 3 years	410	-	-	Mathematics - 60%		
<b>Human Resource Management</b>	BA (Human Resource Management) or BCom (Industrial Psychology & Human Resource Management)		Full-time 3 years	350	365	350	Mathematics - 40%, or Maths Literacy - 70%, or Technical Maths - 40%.		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Marine Engineering</b>	BSc (Biological Sciences) - <b>Extended Curriculum</b>		Full-time 4 years	370	-	-	Mathematics - 50%		
	AdVdip: Business Studies (Human Resource Management)		Full-time 1 year Part-time 2 years	-	-	-	Dip (HRM) or an equivalent qualification.		Full-time 4 years	310	325	310	Mathematics - 30%, or Maths Literacy - 50%, or Technical Maths - 30%.	<b>Mathematics</b>	BSc (Applied Mathematics, Computer Science, Mathematical Statistics and Physics)		Full-time 3 years	410	-	-	Mathematics - 65%		
	Dip (Human Resource Management) or Dip (Human Resource Management) - <b>Extended Curriculum</b>		Full-time 3 years Part-time 4 years	330	345	330	Mathematics - 35%, or Maths Literacy - 55%, or Technical Maths - 35%.		Full-time 1 year	290	305	290	Mathematics - 30%, or Maths Literacy - 50%, or Technical Maths - 30%.	<b>Media, Communication &amp; Culture</b>	BA (Media, Communication & Culture)		Full-time 3 years	350	365	365	Any one NSC Home or 1st Add Lang - 60% and Mathematics - 50% or Technical Maths - 55%.		
<b>Human Settlement Development</b>	Bachelor of Human Settlement Development (BHSD) or H/Cert (Human Settlement Development)		Full-time 4 years Part-time 6 years	370	385	370	Mathematics - 50%, or Maths Literacy - 70%, or Technical Maths - 50%. Admission is subject to departmental selection. Applicants must be employed at least one year in a Human Settlement Development field, or a related field as a practitioner. CV and proof of employment in a related field must also be submitted.		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Medical Laboratory Scientist</b>	BHSc: Medical Laboratory Science		Full-time 4 years	390	-	-	Mathematics - 60% Physical Sciences - 50% Life Sciences - 50% Admission is subject to departmental selection.		
<b>I</b>																							
<b>Industrial Engineering</b>	Bachelor of Engineering Technology (Industrial Engineering)		Full-time 3 years	370	-	370	Mathematics - 60%, or Technical Maths - 60% and Physical Science - 50%, or Technical Science - 50%. <b>Alternatively:</b> A Higher Certificate in Mechanical Engineering, or Higher Certificate in Renewable Energy Engineering as awarded by Nelson Mandela University, with an average of 60% or above and a minimum of 60% for Mathematics (MAT101).		Full-time 3 years	390	-	-	Mathematics - 60%	<b>Media, Communication &amp; Culture</b>	BA (Media, Communication & Culture)		Full-time 3 years	350	365	365	Any one NSC Home or 1st Add Lang - 60% and Mathematics - 50% or Technical Maths - 55%.		
<b>Industrial Psychology</b>	BAdmin (Public Administration) or BA (Human Resource Management) or BA (Industrial Psychology & Human Resource Management)		Full-time 3 years	350	365	350	Mathematics - 35%, or Maths Literacy - 55%, or Technical Maths - 35%. <b>See Human Resource Management</b>		Full-time 3 years	390	-	-	See <b>Computer Science/Information Systems</b>	<b>Medical Practitioner (Doctor)*</b>	Bachelor of Medicine and Bachelor of Surgery (MChB) *(Online applications close 30 June)		Full-time 6 years	430	-	-	English (Home or 1st Add Lang) - 60%, Mathematics - 60%, Physical Sciences - 50%. Admission is subject to departmental selection.		
<b>Information Systems</b>	BCom: IS (Business Management) or BCom (Computer Science & Information Systems)		Full-time 3 years	390	-	-	Mathematics - 60%		Full-time 3 years	370	-	-	Mathematics - 50%, or Technical Maths - 50%.	<b>Microbiology</b>	BSc (Biochemistry, Chemistry, Microbiology & Physiology) or BSc (Biochemistry, Chemistry, Microbiology & Physiology) - <b>Extended Curriculum</b>		Full-time 3 years	410	-	-	Mathematics - 60%		
<b>Information Technology</b>	Bachelor of Information Technology (BIT) or AdVdip (Information Technology)		Full-time 3 years	370	-	-	Mathematics - 50%, or Technical Maths - 50%.		Full-time 3 years	330	345	330	Mathematics - 45%, or Technical Maths - 45%.	<b>Multimedia (Methodology)</b>	BA (Media, Communication and Culture)		Full-time 3 years	350	365	365	See <b>Media, Communication and Culture</b>		
<i>*(also offered on George Campus)</i>	Dip: IT (Communication Networks) or Dip: IT (Software Development) or Dip: IT (Support Services)		Full-time 3 years	330	-	-	Mathematics - 45%, or Technical Maths - 45%.		Full-time 3 years	330	345	330	Mathematics - 40%, or Maths Literacy - 60%, or Technical Maths - 40%.	<b>Music</b>	Specialisation fields: Diploma in Music (Curriculum 2) This programme is designed for students who do not have prior learning in music but who do not qualify for entry into degree studies.		Full-time 3 years	290	305	305	Admission is subject to an audition in the candidate's chosen First Instrument, during which vocal or instrumental musical performance ability must be successfully demonstrated. A minimum standard of musical performance equivalent to grade 2 of the external examinations (Umsa, ABSRMA, Trinity Guildhall) is required for admission to First Instrument. Intermediate (IMPT13), and a minimum standard of musical performance equivalent to grade 6 of the external examinations for music (Umsa, ABSRMA, Trinity Guildhall) is required for admission to First Instrument. Advanced (IMFV10).		
<b>J</b>																							
<b>Journalism</b>	BA (Media, Communication & Culture)		Full-time 3 years	350	365	365	Any one NSC (Home or 1st Add Lang) - 60% and Mathematics - 35% or Maths Literacy - 55% or Technical Maths - 55%.		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Nature Conservation</b>	BSc (Biological Sciences) or BSc (Biological Sciences) - <b>Extended Curriculum</b>		Full-time 3 years	410	-	-	Mathematics - 60%		
<b>L</b>																							
<b>Language &amp; Literature Studies</b>	Bachelor of Arts (BA)		Full-time 3 years	350	365	365	Any one NSC (Home or 1st Add Lang) - 60% and Mathematics - 35% or Maths Literacy - 55% or Technical Maths - 55%.		Full-time 3 years	390	-	-	Mathematics - 50%	<b>Nature Conservation</b>	AdVdip (Nature Conservation)*		Full-time 1 year	-	-	-	A relevant 360-credit Diploma in Nature Conservation or an equivalent qualification (e.g. Diploma in Game Ranch Management or Diploma in Wildlife Management). Candidates with this qualification in the fields of ecology and natural resource management (e.g. BSc with major in Botany, Zoology or Ecology) can horizontally apply for this advanced Diploma. The minimum entry requirement for the Advanced Diploma is a 60% average for the Diploma, or 60% average for papers in the case of cognate qualifications like a BSc.		