





## **The Durban University of Technology (DUT):**

With approximately 30 000 students, the Durban University of Technology (DUT) is the first choice for higher education in KwaZulu-Natal (KZN). It is located in the beautiful cities of Durban and Pietermaritzburg (PMB). As a University of Technology, it prioritises the quality of teaching and learning by ensuring its academic staff possess the highest possible qualification that they can get.

The Durban University of Technology is a result of the merger in April 2002 of two prestigious technikons, ML Sultan and Technikon Natal. It was named the Durban Institute of Technology and later became the Durban University of Technology in line with the rest of the universities of technology.

DUT, a member of the International Association of Universities, is a multi-campus university of technology at the cutting edge of higher education, technological training and research. The university aspires to be a “preferred university for developing leadership in technology and productive citizenship”, and to “making knowledge useful”.

As a butterfly develops from a pupa, so have the students at our institution. From the moment they register as green fresher's, to their capping at the hallowed graduation ceremony, our students undergo an intellectual evolution.

## **Vision**

A preferred university for developing leadership in technology and productive citizenship.

## **Mission**

Our mission is to excel through:

- Teaching and learning environment that values and supports the university community.
- Promoting excellence in learning and teaching, technology transfer and applied research.
- External engagement that promotes innovation and entrepreneurship through collaboration and partnership.

## **Core Values**

- Respect, Recognition, Opportunity and Access
- Loyalty, Dignity and Trust
- Transparency, Openness, Honesty and Shared Governance
- Responsibility, Accountability, Collegiality and Professionalism

This publication is aimed at providing information on the undergraduate study opportunities at DUT.

Persons interested in postgraduate studies (i.e. Advanced Diploma, Postgraduate Diploma, Master's and Doctoral Degrees) are requested to please contact the office of the Director: Postgraduate Development and Support. For contact details see page 143. International applicants are requested to please contact the office of the Director: International Education and Partnerships for further information. For contact details see page 144.

## **Important legal information**

The contents of this prospectus relate to the entry of 2020 admission cycle and is accurate at the time of printing in May 2019. However, there is a lengthy time between printing this prospectus and applications being made to, therefore please check our website before making an application in case there are any changes to the programme you are interested in or to other facilities and services described at this point. Where there is a difference between the contents of this prospectus and our website, the contents of the website take precedence and represent the basis on which we intend to deliver our services to you.

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# ADMISSION REQUIREMENTS BASED UPON SCHOOL LEAVING OR TECHNICAL EXAMINATION

## Points Calculation tables

symbol	Senior Certificate	
	Higher Grade	Standard Grade
A	8	6
B	7	5
C	6	4
D	5	3
E	4	2
F	3	1

NSC levels of achievement are calculated for the top six subjects, excluding Life Orientation as Life Orientation is not a 20 credit subject.

RATING CODE	RATING	MARKS %
7	Outstanding achievement	80-100
6	Meritorious achievement	70-79
5	Substantial achievement	60-69
4	Adequate achievement	50-59
3	Moderate achievement	40-49
2	Elementary achievement	30-39
1	Not achieved	0-29

## IN TERMS OF THE HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (HEQF)

### For Higher Certificate:

a National Senior Certificate (NSC) as certified by the Council for General and Further Education and Training (Umalusi), with a minimum achievement rating of 3 for English.

### For Diploma:

a National Senior Certificate (NSC) as certified by the Council for General and Further Education and Training (Umalusi), with a minimum of achievement rating of 3 for English and a minimum achievement rating of 3 in four recognised NSC 20-credit subjects.

### For Bachelor's Degree:

a National Senior Certificate (NSC) as certified by the Council for General and Further Education and Training (Umalusi), with a minimum achievement rating of 3 for English and a minimum achievement rating of 4 in four NSC 20-credit subjects chosen from the NSC designated subject list.

**OR**

## MINIMUM REQUIREMENTS FOR ADMISSION FOR NATED (N4) APPLICANTS

For Higher Certificate and Diploma

Four N4 credits in appropriate subjects (attaining a mark of at least 50% in each of the 4 subjects) provided that the person can prove communicative competence in English;

**OR**

## MINIMUM REQUIREMENTS FOR ADMISSION TO HIGHER CERTIFICATE STUDIES FOR NCV LEVEL 4 APPLICANTS

## IN TERMS OF THE HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (HEQF)

### **For Higher Certificate:**

A National Certificate (Vocational) Level 4 with at least 50% in English.

### **For Diploma:**

A National Certificate (Vocational) Level 4 with the following minimum requirements:

1. At least 50% in three fundamental subjects including, English; and
2. At least 60% in three compulsory vocational subjects.

### **For Bachelor's Degree:**

A National Certificate (Vocational) Level 4 with the following minimum requirements:

1. At least 60% in three fundamental subjects, including English; and
2. At least 70% in four compulsory vocational subjects, chosen from the National Certificate (Vocational) Level 4 subjects.

### **OR**

## **ADMISSION REQUIREMENTS BASED UPON WORK EXPERIENCE, AGE AND MATURITY**

### **1. For admission to entry level degree studies:**

A person may, subject to such requirements as the Senate may determine, be admitted if such a person is in possession of a National Senior Certificate, Senior Certificate or an equivalent certificate, but lacks the minimum requirements for admission to the degree provided that:

- (a) The person shall have reached the age of 23 in the first year of registration and shall have at least:
  - three years' appropriate work experience; and/or
  - capacity for the proposed instructional programme, which shall be assessed by a Senate-approved admission assessment comprising of a DUT Standardised Assessment Test for Access and Placement (SATAP), Academic Literacies (AL) & English for Academic Purposes (EAP) (2,5 hours) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and the person has obtained
- (b) A conditional certificate of exemption from the Matriculation Board (when in possession of the Senior Certificate (SC)); OR has met
- (c) The requirements for Senate discretionary admission (when in possession of the NSC or equivalent), where Senate is satisfied the applicant has shown sufficient academic ability to ensure success, and that the person's standard of communication skills, and/or work experience are such that the person, in the opinion of the Senate, should be able to complete the proposed instructional programme successfully.
- (d) The person's application for admission in terms of with work experience, age and maturity is approved prior to registration.

### **2. For admission to entry level diploma and certificate studies:**

A person may, subject to such requirements as the Senate may determine, be admitted to the Institution even if such a person is not in a possession of a National Senior Certificate, Senior Certificate or an equivalent certificate, provided that:

- (a) The person shall have reached the age of 23 in the first year of registration and shall have at least:
  - three years' appropriate work experience; and/or
  - capacity for the proposed instructional programme, which shall be assessed at the discretion of the respective Head of Department by a Senate approved admission assessment comprising of a DUT Standardised Assessment Test for Access and Placement (SATAP), Academic Literacies (AL) & English for Academic Purposes (EAP) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and
- (b) The relevant Faculty Board shall be satisfied that the person's standard of communication skills, ability to study successfully and/or work experience are such that the person, in the opinion of the relevant Faculty Board, should be able to complete the proposed instructional programme successfully. If required, the communication skills and study skills should be tested; and
- (c) The person's application for admission in terms of work experience, age and maturity is approved prior to registration.

**Applicants intending to gain admission through work experience, age and maturity must submit their applications at least four months before commencement of the academic year inclusive of the date of scheduling writing a requisite eligibility assessment.**

**OR**

## **ADMISSION VIA RECOGNITION OF PRIOR LEARNING**

A person may on formal application and payment of the prescribed fee, and with the approval of the Executive Committee of the relevant Faculty Board be admitted for registration for an instructional programme approved by the Institution's Senate, in accordance with the Institution's Recognition of Prior Learning (RPL) Policy.

Applicants are required to contact the University's RPL Administrator: Centre for Excellence in Teaching and Learning (CELТ) for full details.

Telephone: (031) 373 2904/2386

Address: Durban University of Technology  
Centre for Excellent in Learning and Teaching (CELТ)  
Steve Biko, Berwyn Court

**OR**

## **INTERNATIONAL SCHOOL LEAVING EXAMINATION**

The institution recognises for admission purposes:

- i. any General Certificate of Education (GCE), or General Certificate of Secondary (GCSE) that is quality assured by Cambridge International Examinations (CIE); provided that the holder of such a Certificate has, at one or more examination sitting/s passed a minimum of five approved Ordinary (O) level subjects, of which:
  - a. at least four must be at symbols A, B, or C;
  - b. no more than one may be a symbol D; and
  - c. at least one must be English Language or English Literature
- ii. certain other international qualifications.
- iii. International qualification has to be assessed by the South African Qualifications Authority (SAQA); for Diploma studies and Matriculation Board for Degree studies.

### **SAQA contact details**

Website: [www.saqa.org.za](http://www.saqa.org.za)

Telephone: (012) 431 5000/5070

Email: [sqaainfo@saqa.org.za/customer-care@saqa.org.za](mailto:sqaainfo@saqa.org.za/customer-care@saqa.org.za)

### **Matriculation Board contact details**

Website: <https://mb.usaf.ac.za>

Telephone: (010) 591 4401/2

Email: [applications@USAf.ac.za](mailto:applications@USAf.ac.za)

**Over and above the minimum admission requirements, each department also sets specific entrance requirements, with which applicants need to comply.**

**PLEASE NOTE:** Persons who wish to register, either provisionally or unconditionally, as a student of the Institution must comply with all of the following:

- meet the institution's entrance requirements as stated in this prospectus and also on DUT and CAO website;
- agree to any measure taken by the Institution to check and authenticate any documentation submitted for admission. Any incorrect and false information submitted may render a registered student to be charged with misconduct which could lead to the termination of a student's registration with the Institution. Applicants submitting incorrect and false information will be disqualified from admission to the Institution;
- Undergo (where applicable) any selection procedures, which may be unique to the instructional programme the student has chosen;
- Be academically accepted for registration by the Institution;

- Complete, sign and have the official registration forms accepted by the Department of Student Admissions
- Register with the Institution on the prescribed registration date.

**PLEASE NOTE:** That for semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### **TUITION FEES**

To assist you with your planning, the 2019 fees have been indicated. An increase for next year to accommodate the inflation rate can be expected.

**PLEASE NOTE:** DUT cannot be held liable for the fees quoted in this brochure as the 2020 fees are not yet available.

**ALSO PLEASE NOTE** that no monies should be paid to any University officials or students other than the official cashiers (fee office) at the various campuses. Students must insist on an official receipt as proof of payment. Failure to adhere to this procedure will absolve this University of any liability.

# FACULTY OF ACCOUNTING AND INFORMATICS

## Diploma in Accounting

### Location

Ritson Campus (Block C: 2nd Floor) and Riverside Site, Midlands Campus (Pietermaritzburg)

### Description of the Programme

The Diploma in Accounting is a three-year qualification to provide applied accountancy knowledge and skills that will develop the applied competence of the student in preparation of a career in the accounting and business fields enabling students to perform reporting functions, rendering taxation services and management advisory services on an accounting technician level as well as to provide a basis for further learning. The qualification also serves as progression towards South African Institute of Professional Accountants (SAIPA) membership. The Diploma in Accounting offers the opportunity to work in any industry anywhere in the world. The Diploma in Accounting develops students' analytical skills and introduces students to problems and situations that they will meet at work. The programme is offered on a full time basis and a part-time basis for those candidates who are working. The part-time programme is offered over 4 years.

### Career opportunities

On completion of their studies graduates will be able to apply for the following positions:

Accounting Technician, Bookkeeper, Accounts Clerk, Assistant Financial Accountant and Financial Accountant. The training offered prepares the student for a job anywhere in the world, since internationally acceptable software, textbooks, and training methods are used in our programmes.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENT		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate or equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	Maths <b>OR</b>	E	D
English (1st additional)	4	Accounting	D	C
Maths <b>OR</b>	3			
Maths Literacy <b>OR</b>	5			
Accounting	4			
And two 20 credit subjects (not more than one language)	3			
(Please note: this requirement represents the minimum requirement and students applying will be ranked according to a points system.) To determine points, English and the next five best results should be selected for calculating.				

### OR

A pass in four subjects of the Accounting Bridging Course (Meeting the minimum requirements)

### OR

### NCV Level 4 entrance requirements

A level 4 national certificate vocational (NCV) with the following minimum requirements:

1. At least 50% in three fundamental subjects including English, **OR**
2. At least 60% in three compulsory vocational subjects

## Selection Procedure:

Meeting the minimum entry requirements does not automatically guarantee acceptance. It depends on the number of applicants and number of places allowed by DUT. A points system is used for admission to the Department of Financial Accounting. Applicants are selected in order of merit, based on the subject list above, on a first-come first-served basis and may include an interview. Contact the Department for NSC point's calculation.

**PLEASE NOTE:** Fees are not yet finalised, please contact Department

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Financial Accounting I A  
Cost Accounting I  
Business Fundamentals I  
Intro to micro-Economics  
Cornerstone 101

### Semester 2

Business Calculations I  
Business Information Systems I  
Commercial Law for Accountants I  
Intro to Macro-economics  
Cultural Diversity (Elective)  
Literacies through Literature (Elective)  
Value in the work place (Elective)  
Financial Accounting, I B

## Closing Date for Applications: 30 September 2019

**Telephone:** **DBN:** (031) 373 5621

**PMB:** (033) 845 8862

**CAO Code:** **DBN:** Dip. - DUDDAT (Full-time), Dip: DU-D-ACZ - (Part-time)

**PMB:** Dip. - DUPDAT (Full-time),

## National Diploma: Cost and Management Accounting

**Please note** this programme is phased out and a new programme may be offered in 2020. For further information regarding programmes offered in 2020, please contact the Department of Cost and Management Accounting on Tel: 031 373 5644 or via email at [bongekilen@dut.ac.za](mailto:bongekilen@dut.ac.za)

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department

## Diploma in Business and information Management

### Location

Ritson Campus (Durban) and Riverside Site, Midlands Campus (Pietermaritzburg)

### Description of the Programme

The purpose of the qualification is to develop students with specific core knowledge, skills and career training in Business and Information Management who become life-long learners and engaged citizens aspiring to pursue career employment and professional growth both locally and internationally. The student will be competent in administration and business applications programs. The programme also enables a student to pursue career pathways in administration in the various business environments.

The qualified learner will have the competence to deliver an effective information service in a global environment towards meeting the requirements of clients in a diverse and changing society. Persons achieving this qualification will be able to supervise and manage in various business environments.

#### The students will be able to:

- Manage themselves, others and all business and management functions within the internal, external and global environment.
- Create and sustain a small business or entrepreneurial enterprise within the global context.
- Create strong and lasting customer relationships with internal and external customers pertaining to service excellence and quality within the business environment.
- To be able to work effectively with others as members of a team, group, organisation and community in being engaged citizens.
- Identify and solve problems and make decisions using critical and creative thinking within the business environment in the fields of Human Resources Management, Project Management and Law.

The curriculum has been designed so that students develop a culture of continual learning and develop their full intellectual and human potential. The pedagogy and assessment supports the attainment of the outcomes within the qualification

### Work Integrated Learning

Each learner is required to successfully complete a minimum of 4 Months of Work Integrated Learning during the third year of his/her studies. This is a compulsory component of the diploma. A separate registration fee is charged for Work Integrated Learning.

### Entry Requirements

Each learner is required to successfully complete a minimum of 4 Months of Work Integrated Learning during the third year of his/her studies. This is a compulsory component of the diploma. A separate registration fee is charged for Work Integrated Learning.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry</b>	<b>NSC</b>	<b>A Senior Certificate or equivalent qualification</b>		
Compulsory Subjects	Rating Code	Compulsory Subjects	HG	SG
English (home) OR	3	English	E	D
English (1st additional)	4	Plus 5 other subjects passed including one additional language		
And a pass in five 20 credit subjects. (Not more than one language Excluding Life Orientation)				

## NCV Level 4 entrance requirements

A level 4 national certificate vocational (NCV) with the following minimum requirements:

1. At least 50% in three fundamental subjects including English, **AND**
2. Level 5 - At least 60% in three compulsory vocational subjects

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Business Principles and Management 1A  
Business Fundamentals I (FGE)  
Information Management and Technology 1A  
Communication I  
Private Law I  
Research Practices and Principles I

#### Total

#### 2019 Fees

R2 200.00  
R2 110.00  
R3 610.00  
R1 870.00  
R2 260.00  
R2 260.00  
**R14 310.00**

#### Semester 2

Human Resources Management I  
Project Management I  
Cornerstone (IGE)  
Business Principles and Management 1B  
Information management and Technology 1B

#### TOTAL

R2 260.00  
R2 260.00  
R2 950.00  
R2 200.00  
R3 610.00  
**R13 280.00**

### Closing Date for Applications: 30 September 2019

**Telephone:** **DBN:** (031) 373 5655

**PMB:** (033) 845 8844

**CAO Codes:** Dip. (**DBN**) —DUDBI3  
Dip. (**PMB**) —DUPBI3

## Diploma in Information and Communications Technology

### Location

Ritson Campus (Block B: 2nd Floor)

### Description of the Programme

A career in Information and Communications Technology (ICT) is a career path of endless opportunities and diversity. The National Diploma in Information and Communications Technology offers the opportunity to work in any industry, anywhere in the world. Careers in the (ICT) Industry range from highly technical positions such as Software or Web Developers to more business orientated positions such as Business Analyst. The (ICT) environment is always changing, thus requiring constant updating of skills throughout one's career. Computer professionals often work under conditions of stress and urgency, so any student wishing to pursue this career path must have the character and perseverance to cope in such environments. A basic skill that tends to categorize an (ICT) specialist is the ability to think and express oneself logically; therefore, students possessing these skills would be ideal candidates for this programme.

### Personal Attributes:

An aptitude for puzzles, mathematics, a logical mind and accuracy characterise the successful student. If you possess most of these qualities, you should consider a career in Information and Communications Technology. (ICT)

### Career Opportunities

On completion of their studies graduates will be able to apply for the following positions: Programmer, Junior Analyst, Programmer/Analyst, Junior Database Administrator, End User Support, Business Analyst and many other related positions. The training offered prepares the student for a job anywhere in the world, since internationally acceptable software, textbooks, and training methods are used in our programmes.

## Entry Requirements for

## Diploma ICT in Applications Development and Diploma ICT Business Analysis

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate OR equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	Maths	E	C
English (1st additional)	4	English	E	C
Maths <b>OR</b>	3			
Maths Literacy	6			
And two 20 credit subjects (excluding Life Orientation and not more than one language)	3			

## Entry Requirements for Diploma ICT Applications Development (4 year extended curriculum)

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate OR equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	Maths	E	D
English (1st additional)	3	English	E	D
Maths <b>OR</b>	3			
Maths Literacy	5			
And two 20 credit subjects (excluding Life Orientation and not more than one language)	3			

## NCV Level 4 entrance requirements

A level 4 national certificate vocational (NCV) with the following minimum requirements:

1. At least 50% in three fundamental subjects including English, **AND**
2. Level 5 - At least 60% in three compulsory vocational subjects

## Selection Procedure:

Meeting the minimum requirements does not automatically guarantee acceptance. It depends on the number of applicants and number of places allowed by DUT.

Specializations:

The ICT diploma has many specializations, of which the department offers two, namely:

### 1. Applications Development

A student will be able to graduate with this diploma after having passed **32** subjects during a minimum of three years of Full-time study. All subjects are compulsory. The course is offered in the Department of Information Technology, which is based on the Ritson Road Campus, Durban. Although most subjects are semesterised, new students may not register for the Diploma in the second semester (July).

## Purpose of qualification

The purpose of the diploma is to provide a professional, vocational or career focused qualification for the ICT industry. The knowledge emphasizes general principles and applications. Further the diploma will develop learners who can demonstrate focused knowledge and skills to design and produce software products and systems to meet specified needs so that they work reliably and their production and maintenance is cost effective.

This specialization expands the purpose of the qualification by enabling a graduate (diplomat) to conceptualize, design, implement & test application development solutions to address industry related ICT initiatives.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Cornerstone 101  
Institution ICT Literacy and skills  
Business Fundamentals I  
Applications Development I A  
Fundamentals of Computer Security  
Information Systems I

#### Total

### 2019 Fees

R2 950.00  
R1 850.00  
R2 280.00  
R4 610.00  
R1 970.00  
R2 220.00  
**R15 880.00**

### Semester 2

Operating Systems  
Applications Development Project I  
Law for Life  
Applications Development IB  
Communication Networks I

#### Total

R2 890.00  
R3 080.00  
R1 850.00  
R4 490.00  
R3 750.00  
**R16 060.00**

## 2. Business Analysis

In order to graduate with this diploma 31 subjects must be passed during a minimum of three years of Full-time study. All subjects are compulsory. The course is offered in the Department of Information Technology, which is based on the Ritson Road Campus, Durban. Although most subjects are semesterised, new students may not register for the Diploma in the second semester (July).

### Purpose of qualification

The purpose of the diploma is to provide a professional, vocational or career focused qualification for the ICT industry. The knowledge emphasizes general principles and applications. Further the diploma will develop students who can demonstrate focused knowledge and skills in Business Analysis and use Information and Communications Technology (ICT) in industry to solve business problems.

A qualifying student will have proficient knowledge of the ICT industry in general and will have specialized knowledge in a field of Business Analysis that will enable them to demonstrate initiative and responsibility in an academic or professional context. Furthermore, they will be able to analyse business environments and create specifications for ICT solutions to facilitate the alignment of IT and business processes.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Cornerstone 101  
Institution ICT Literacy and skills  
Business Fundamentals I  
Applications Development IA  
Fundamentals of Computer Security  
ME, My World, My Universe

#### Total

### 2019 Fees

R2 950.00  
R1 850.00  
R2 280.00  
R4 610.00  
R1 970.00  
R1 850.00  
**R15 510.00**

### Semester 2

Business Information Systems  
Law for Life  
Business Analysis Project I  
I Financial Accounting I  
Applications Development IB

#### Total

R3 300.00  
R1 850.00  
R4 550.00  
R3 300.00  
R4 490.00  
**R17 490.00**

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 5596/63

**CAO Codes:** Dip ICT (Applications Development) DU-D-APD  
 Dip ICT (Business Analysis) DU-D-BUA  
 Dip ICT (Applications Development 4 Year Extended Programme) DU-D-APF

## Bachelor of Information and Communications Technology

### Location

Ritson Campus (Block B: 2nd Floor)

### Description of the Programme

The Bachelor of ICT degree was formulated to reflect the latest workplace-based needs of the ICT industry in ensuring that qualifying learners can access employment opportunities within the industry. It is grounded in a fundamental body of computing knowledge.

### Purpose of qualification

The structure and content of the BICT degree enables learners to build a solid knowledge base in the core fields of ICT and its related subjects. This qualification is intended to enhance readiness for further study in a wide variety of specializations within the Honours and Masters levels. It produces ICT graduates who are confident and articulate team players, and are attuned to the needs, methods and attitudes of business and society.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS	
<b>NSC Degree Entry</b>	<b>NSC Rating Code</b>	<b>A Senior Certificate with Matriculation Exemption</b>	
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>
English (home) <b>OR</b> English (1st additional)	4	English	D
Mathematics	4	Mathematics	D
And at least one of the following subjects: Physical Science <b>OR</b> Information Technology <b>OR</b> Engineering Design.	4	And at least one of the following subjects: Physical Science <b>OR</b> Information Technology.	D

### A National Certificate Vocational (NCV) level 4 with the following minimum requirements:

- at least 60% in three fundamental subjects including English and Mathematics and
- at least 70% in four vocational subjects relevant to the field of Information Technology.

**PLEASE NOTE:** Fees are not yet determined. Please contact Department

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Cornerstone 101

Business Fundamentals 2

Discrete Structures

Mathematics for Computing 1A

Systems Fundamentals

#### Semester 2

Business Fundamentals 1

Introduction to Computing

Software Development Fundamentals

Mathematics for Computing 1B

Interpersonal Communication & Self

**Closing Date for Applications:** 30 September 2019

**Telephone:** DBN: (031) 373 5655

PMB: (033) 845 8844

**CAO code:** DU-D-BIT

## Diploma in Internal Auditing

### Location

Ritson Campus (Block C: 2nd Floor)

### Description of the Programme

The Diploma is a 3 year programme in the Faculty of Accounting and Informatics. It is designed to provide students with knowledge of internal auditing. The internal auditor may be employed in any organization that has an internal audit department.

### Career opportunities

This qualification serves as the academic progression toward professional qualifications and membership with the Institute of Internal Auditors (IIA) globally and with South Africa.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL REQUIREMENTS	SENIOR	CERTIFICATE
NSC Diploma Entry	NSC Rating Code	A Senior Certificate or equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	C
English (1st additional)	4	Maths	E	C
Maths	4	Accounting	D	C
And two 20 credit subjects (not more than one language) <b>OR</b>	3	Applicant with Senior Certificate Accounting will not be a requirement if Mathematics is D (HG), or B or higher on the SG		
English (home) <b>OR</b>	3			
English (1st additional)	4			
Maths <b>OR</b>	3			
Maths Literacy	5			
Accounting	4			
And one 20 credit subject	3			
<b>Please note:</b> this requirement represents the minimum requirement and students applying will be ranked according to a points system. To determine points, English and the next five best results should be selected for calculating.				

### NCV Level 4 entrance requirements

A level 4 national certificate vocational (NCV) with the following minimum requirements:

1. At least 50% in three fundamental subjects including English, **AND**
2. Level 5 - At least 60% in three compulsory vocational subjects

All prospective learners that meet the above entry requirements would be ranked according to their English and Mathematics marks obtained.

### Selection Procedure:

Meeting the minimum entry requirements does not automatically guarantee acceptance. It depends on the number of applicants and number of places allowed by DUT. A points system is used for admission to the Department of Auditing and Tax. Applicants are selected in order of merit, based on the subject list above, on a first-come first-served basis and may include an interview. Contact the Department for NSC point's calculation.

**Please note** that Life Orientation is excluded from point's calculation.

**PLEASE NOTE:** Fees are not yet finalised, please contact Department

**PLEASE NOTE:** For semester programmes there would be a single registration for semester I and semester

2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Cornerstone 101  
Business fundamentals I  
Financial Accounting I (Module 1)  
Internal Auditing I (Module 1)  
Principles of Microeconomics

### Semester 2

Business Calculations  
Commercial Law I  
Financial Accounting I (Module 2)  
Internal Auditing I (Module 2)  
Principles of Microeconomics  
The Entrepreneurial Edge

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 5610

**CAO Code:** Dip: DU-D-DIA

## Diploma in Taxation

### Location

Ritson Campus (Block C: 2nd Floor)

### Description of the Programme

Diploma in Taxation is a 3 year programme in the Faculty of Accounting and Informatics. It is designed to provide students with knowledge of taxation and auditing.

### Career opportunities

This qualification serves as the academic progression towards the membership with South African Institute of Professional Accountants. Student can work as Tax practitioners or employed in the financial departments.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate OR equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English <b>OR</b>	3	English	E	C
English (1st additional)	4	Maths <b>OR</b>	E	C
Maths <b>OR</b>	3	Accounting	D	C
Maths Literacy <b>OR</b>	5			
Accounting <b>OR</b>	4			
And two 20 credit subjects (Cannot include Life Orientation <b>OR</b> more than 1 language)	3			
Please note: this requirement represents the minimum requirement and students applying will be ranked according to a points system. To determine points, English and the next five best results should be selected for calculating.				

### NCV Level 4 entrance requirements

A level 4 national certificate vocational (NCV) with the following minimum requirements:

1. At least 50% in three fundamental subjects including English, **AND**
2. Level 5 - At least 60% in three compulsory vocational subjects

All prospective learners that meet the above entry requirements would be ranked according to their English and Mathematics marks obtained. Those applicants who have:

## Selection Procedure:

Meeting the minimum entry requirements does not automatically guarantee acceptance. It depends on the number of applicants and number of places allowed by DUT. A points system is used for admission to the Department of Auditing and Tax. Applicants are selected in order of merit, based on the subject list above, on a first-come first-served basis and may include an interview. Contact the Department for NSC point's calculation. Please note that Life Orientation is excluded from point's calculation.

**PLEASE NOTE:** Fees are not yet finalised, please contact Department

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year

## First Year Curriculum

### Semester 1

Cornerstone 101  
Entrepreneurial Edge  
Business Fundamentals I  
Financial Accounting 101  
Introduction to Microeconomics  
Commercial Law 101

### Semester 2

Financial Accounting 102  
Internal Auditing 101  
Commercial Law I  
Business Calculations  
Introduction to Microeconomics

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 5610

**CAO Code:** Dip. DU-D-DTA (Full-time),

## Diploma in Library and Information Studies

### Location

ML Sultan Campus (Mariam Bee Building 2nd Floor)

### Description of the Programme

The Diploma in Library and Information Studies qualification has been designed in line with the technological developments and new trends in bibliographic control and metadata developments in terms of tools and current practices in the Library and Information Sciences/ Studies (LIS) sector.

Persons achieving this qualification will be competent at applying information organisation, information retrieval and information dissemination strategies effectively and consistently in the process of providing an information service to a general user population. This qualification is intended for persons who will work in the information and knowledge environment. Persons achieving this qualification will be able to manipulate information and knowledge using various strategies and technologies to empower users and to address their needs. Employment opportunities for persons with such skills exist in the wide variety of information and knowledge environments within corporate and public organisations.

### Personal qualities required

The nature of Library and Information work requires a person who is intellectually curious and responsive to the information needs of others. An ability to work accurately with attention to detail in an environment that is rapidly changing and demanding is essential. Library and Information professionals need to be constantly developing their skills and knowledge in order to ensure that they are able to offer an information service relevant to the needs of their client-base.

## Career Opportunities

Programmes in Library and Information Studies prepare the diplomats to become a member of a profession that is active in information and knowledge environments. For example, Library and Information professionals serve in the education sector, the public library, research, communities and health sectors as well as large industries and businesses. The three-year National Diploma qualification prepares the diplomats to become a prospective member of a public service profession. Library and information work is dynamic therefore the prospective student needs to be highly motivated, intellectually curious, a communicator with good interpersonal skills, and be a team worker.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate OR equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	4	Maths	E	D
Maths <b>OR</b>	3	And four best subjects		
Maths Literacy	4			
And Four other 20 credit subjects (excluding Life Orientation). Not more than two languages.	3			

## NCV Level 4 entrance requirements

A level 4 national certificate vocational (NCV) with the following minimum requirements:

1. At least 50% in three fundamental subjects including English, **AND**
2. Level 5 - At least 60% in three compulsory vocational subjects

**Additional Entry Requirements:** In addition to meeting the above requirements, applicant needs to pass an English test; complete an aptitude test upon which grants the applicant a one-on-one interview with an academic.

## Course curriculum

The academic programme of the Diploma in Library and Information Studies is followed over three years and comprises of thirty-one compulsory subjects.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum 2019 Fees

### Semester 1

Business Fundamentals R2 110.00

Organisation and Representation of Information IA R2 150.00

Cornerstone 101 R2 950.00

Communication in English R2 600.00

Communication in Afrikaans OR R3 230.00

Communication in Zulu R4 290.00

**Total R13 040.00/ R14 100.00**

### Semester 2

Library and Information Practice I R2 680.00

Organisation and Representation of Information IB R2 150.00

Integrated Human Studies R2 540.00

Introduction to Technopreneurship R1 710.00

Information and Communications Technology R3 910.00

**TOTAL R12 990.00**

**Closing Date for Applications: 30 September**

**2019 Telephone:** (031) 373 6808

**CAO Code:** Dip. - DUDLS3

# FACULTY OF APPLIED SCIENCES

## Diploma in Analytical Chemistry

### Location

Steve Biko Campus (S10, Level 3)

### Description of the Programme

The Diploma in Analytical Chemistry represents a level of qualification that recognizes the ability to gain and apply a range of specialized knowledge, skills and understanding designed to meet the needs of various chemical industries. Graduates of the diploma would be able to display competence in the application of knowledge in a broad range of varied work activities associated with a career in the Chemical and Allied Industries involving detergents, petroleum, plastics, food, pharmaceuticals, mining, water treatment, metallurgy and, in addition, educational institutions may employ graduates from this course.

Graduates are required for specific practical applications such as quality control and testing or theoretical fields such as research and development. Quality control and assurance is an especially important field where industries need to verify their standards of operation and quality of manufactured materials.

This course is designed to meet the human resource needs of the chemical and allied industries and tertiary educational institutions, by providing nationally and internationally recognized tertiary education and training to students. Students who are successful in the programme may progress to the Advanced Diploma in Analytical Chemistry followed by the Postgraduate Diploma in Analytical Chemistry/Honours in order to gain access to postgraduate study towards a Masters or Doctoral qualification.

Apart from the formal course and practical work at DUT's Chemistry laboratories, the course also includes a nine-month Work Integrated Learning (WIL) component in an industrial setting where skills and knowledge acquired at the university are integrated and applied under real-life working conditions.

### Career opportunities

There is therefore a growing demand for graduates in this field. Industries are supportive of the furthering education of graduates and hence opportunities exist for graduates to pursue further educational qualifications.

Graduates may also apply for associate membership of South African Chemical Institute (SACI). SACI is associated with the South African Council for Natural Scientific Professions (SACNASP). The following link refers: <http://www.sacnasp.org.za/about-us/voluntary-associations.html>

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC	A Senior Certificate or equivalent qualification		
Compulsory Subjects	Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	English	D	B
English (1st additional)	4	Mathematics	D	B
Mathematics	4	Physical Science	E	C
Physical Science	3			

### OR

### NCV entry requirements:

A National Certificate Vocational (NCV) Level 4 with statutory requirements for a diploma with English and Physical Science at (50%) and Maths at (60%).

If there are more applications than the vacancies, then applicants will be ranked and selected on merit on the basis of their academic achievement in Physical Science, Mathematics.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum:

### Semester 1

General and Inorganic Chemistry  
Mathematics I  
Physics I  
Cornerstone 101  
Computer Skills

### Total

### Semester 2

Organic and Physical Chemistry  
Analytical Chemistry I  
Communication Skills  
Choice of 2 of the following electives (IGE)  
Introduction to Technopreneurship  
Cultural Diversity  
Values in the Workplace  
Sustainable Earth Studies

## 2019 Fees

R6 260  
R3 990  
R3 990  
R2 950  
R2 850

**R20 040**

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2300

**CAO Code:** Dip. - DUDCH3

## Bachelor of Applied Science in Biotechnology

### Location

Steve Biko Campus (S9, Level 1)

### Description of the Programme

Biotechnology is the application of living organisms or the individual cellular components of these organisms for commercial purposes or environmental control. A person working in the field of biotechnology will have to have a working knowledge of such disciplines as biochemistry, microbiology, bioprocess engineering, genetics, molecular biology and Mathematics.

The degree prepares applicants with focused knowledge, practical skills, attitudes and values necessary for the technological application of biological systems, living organisms, or derivatives thereof, to make or modify products or processes for specific use in the biotechnology workplace whilst contributing to environmental sustainability.

The undergraduate courses are designed such that graduates are well equipped to venture into industry upon completion of the first three years.

### Purpose of Programme:

Persons achieving this qualification will be competent to apply theoretical and practical fundamental knowledge and skills in the fields of biotechnology, microbiology and biochemistry to the relevant biotechnology industries and research institutions. Graduates may apply for registration with the South African Council for Natural Scientific Professions as Certified Natural Scientists.

### Career Opportunities

Graduates may seek employment in industrial and research laboratories such as Drug and pharmaceutical research, public funded laboratories, chemicals, environmental control, water and waste management, energy, food processing and bioprocessing industries.

## Entry Requirements

DEPARTMENTAL REQUIREMENTS		NSC	DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry With 28 points or more (excluding Life Orientation) will be considered	NSC Rating Code		A Senior Certificate with Matriculation Exemption or equivalent qualification. Applicants with 30 or more points will be considered.		
Compulsory Subjects			Compulsory Subjects	HG	SG
English (home) Or	4		English	D	B
English (1st additional)	4		Maths	D	B
Maths	4		Physical Science	D	B
Life Sciences	4		Biology	D	B
Physical Science	4				

**OR**

## NCV entry requirements:

NCV level 4 with English and Maths at level (60%) and one other subject at 60% AND 2 compulsory vocational subjects, Physical Science (or equivalent), Life Sciences (or equivalent) at 70% and one other at 70%.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Chemistry I

Biology I

Mathematics

Cornerstone 101

**Total**

### 2019 Fees

R4 220

R4 220

R2 950

R2 950

**R14 340**

#### Semester 2

Bacteriology 2

Biochemistry 2

Physics

Mycology

Institutional General Education Elective I (IGE I)

**Total**

R4 220

R4 220

R2 950

R2 950

**R1 600**

**R15 940**

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 5321

**CAO Code:** Degree. DUDBBT

## Diploma in Clothing Management

### Location

Steve Biko Campus (S5 & S6 Level 4)

### Description of the Programme

The qualification in Clothing Management is designed to prepare individuals for a wide range of specialist career opportunities in the apparel and related industries, retail sector and the informal sector. This qualification develops students' knowledge and skills relating to the technology of sewn products. This includes design development and production through to sales, as well as the management and business skills required for a career in the apparel industry.

### FAQs

#### 1. Is there a future for the clothing industry?

The SA apparel industry is stabilising and expecting to begin to grow as it is one of main SA industries offering employment opportunities. With a very high unemployment rate in SA, government is looking to the Clothing Industry to assist in this and to contribute to growing the SA economy. This is driving demand for top students/candidates looking for challenging careers in many different types of jobs.

## 2. Do I need Maths or other subjects for this course?

Maths is not a prerequisite for the programme but you will battle significantly if you have difficulties with numeracy. Everything we do is based in numbers whether it is units of time, money or measurements. Please refer to our entrance requirements contained in this leaflet. Due to the high demand for this programme, we recommend you have at least 26 Matric points to be considered. Industry experience is advantageous.

## 3. So is this course only about sewing?

Sewing is a small area of what we do —there are four subject areas —each adding to the holistic knowledge you will need to succeed. These areas focus around the following

- ☐ **Product:** Everything relating to one product; design, development, sourcing fabric/trim, making the pattern and product to required quality standards.
- ☐ **Process:** Apparel manufacturing processes including cutting room and production floor supervision, quality and work-study.
- ☐ **Business:** Economics, entrepreneurship, marketing, retail, supervisory management and industrial relations

## 4. Can I do Clothing Management without doing art at school?

Yes - we will teach you how to do technical drawings to be able to record all critical data visually.

## 5. So are you training us to become machinists?

**No**, we are educating you about the practical and theoretical aspects of producing sewn products. However, in order to manage a business or a technical team in the clothing industry or retail environment, you need to be able to instruct/manage people how to sew.

## 6. How is Clothing Management different from Fashion Design?

Although we do the designing or clothing (and other sewn products), our focus is on the business or technical aspects. Where are we going to get the raw material? Who is going to buy it? How much will they pay? Can we produce this product at the correct quality? Can we make money on this product? Rather than the creative artistic conceptual design process.

## 7. How many applications do you receive for how many places?

We get about 900 applications for 35 places.

## 8. What are your Programme Highlights?

- DUT has been educating clothing technologists for nearly 40 years. Alumni are well known in the South African industry and many have travelled to join overseas companies.
- We have strong industry links and qualified staff with expert experience.
- We have partnered with Gerber Technology – the leading industry software for patternmaking, grading and marker-making.
- We have a well-equipped sewing floor with computerized equipment and a carefully designed training programme to ensure students produce sewn products to industry specifications.
- We do research in niche areas e.g. Sizing and Micro-Small enterprises

## Career opportunities

There are job opportunities in the apparel and other related industries for graduates in the management, product development, production, work study, planning, quality, garment technology and other areas. This is an international career where globalisation impacts on every element of the business. Employment in South Africa is available in four main industrial sectors:

Formal manufacturers (established apparel manufacturers, trading houses or design centres or CMT companies), Informal sector (small to micro enterprises and entrepreneurs), retail (buying, quality, planning or store level) Allied industries (footwear, training, software). Significant opportunities also exist for self-employment. After the Diploma in Clothing Management graduates may apply to enter the Advanced Diploma in Apparel Technology. Graduates can pursue further qualifications in management, entrepreneurship, retail, quality or education. Significant opportunities also exist for self-employment.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	C
English (1st additional)	3	Three further subjects (maximum of one additional language)	E	C
And three recognised 20 credit subjects (maximum of one additional language)	3			

**OR**

### NCV entry requirements:

At least 50% in English.

### Additional Entry Requirements:

Applicants will also write the DUT SATAP English Literacy test and an industry accepted numeracy assessment to determine potential. Applicants obtaining less than 50% on this assessment with no special consideration (i.e. mature age application, industry experience and letter from employer) may be conditionally accepted.

**Please note: This qualification is changing to the new Diploma in Clothing Management and the subjects and fees will be different from 2019. The overall focus of the programme remains the same. The fees for the first year (SP1 + SP2) in 2020 have not yet been finalised however they will be in the region of R35 000. For further information, please contact the department directly.**

**PLEASE NOTE: For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year**

### First Year Curriculum:

#### Semester 1

Production Technology 1A

Textiles 1

Patternmaking 1A

Business Management 1A

Cornerstone 101 (IGE)

Applied Science and Wellness (Elective)

Introduction to Applied Sciences (Elective)

#### Semester 2

Production Technology 1B

Patternmaking 1B

Operation Management 1B

Business Management 1B

Information and Communication Technology Literacy & Skills (Elective)

Interpersonal Communication & Self (Elective)

**Closing Date for Applications:** 30 September 2019

**Telephone:** (031) 373 2812

**CAO Code:** Dip. DU-D-CLM

# Diploma in Consumer Sciences in Food & Nutrition

## Location

Steve Biko Campus (S9 Level 3)

## Purpose of the Programme

Graduates will be able to display competences in the integration and application of scientific-based food and nutrition theoretical and practical knowledge and culinary skills in food production, food retail and food service; with the aim of improving consumer well-being. Demonstrate a working knowledge of food and nutrition legislation to ensure quality, hygiene and safety of food. Demonstrate effective communication skills including using information technology to a variety of audiences. Apply managerial principles in the operation of food production, food service and food retail; Act as a responsible, productive and critical citizen and maintain a professional code of conduct and work ethic.

## The Qualities Required of You for This Programme:

- Keen interest in food preparation and nutrition
- Creative and innovative ability
- Ability to communicate effectively at all levels, verbally and in writing
- Sense of responsibility
- Self-motivator
- Basic science ability
- Service orientated
- Personality suited to both team and individual work
- Confident nature
- Ability to relate well to people

## Career opportunities

Employment opportunities are in variety of roles, e.g.: In food companies as customer development consultant in sales product development; recipe development; fresh produce development technology; innovation chefs; consumer affairs consultant; in food safety and quality assurance. Food Production: Food production Managers In food retail, graduates can fill positions in food buying, food product management, and delicatessen management, fresh product development and brand development, Fresh Food, Delicatessen and bakery Managers. Food Service Operation: Food Service Supervisor and managers in Food Provision Companies. In the media as: cookery assistant, assistant and assistant food journalist.

## Duration

3 years' full time

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS					
NSC Diploma Entry	NSC Rating Code	A Senior Certificate or equivalent qualification with:					
Compulsory Subjects		Compulsory Subjects	HG	SG			
English (home) <b>OR</b>	3	English (1st Language) <b>OR</b>	E	C			
English (1st additional)	4	English (2nd Language)	E	C			
Maths <b>OR</b>	3	Physical Science <b>OR</b> Biology	E	C			
Maths Literacy	4	Maths	E	C			
Accounting <b>OR</b> Business Studies <b>OR</b>	3						
Consumer Studies <b>OR</b> Life Sciences							
<b>OR</b> Physical Science	3						
Plus Three 20 credit subjects							

**OR**

## NCV level 4 entry requirements:

With English and Maths at (50%) /Maths Literacy at (60%) AND three of the following vocational subjects: Food Preparation, Hospitality Services, Hospitality Generics, Marketing, Management and Hospitality,

Finance Economics and Accounting, Process Plant Operations, Physical Science, Process Technology, Process Chemistry at 60%

### Additional Entry Requirements:

In addition to the basic entrance requirements, applicants will be required to pass suitability and selection tests. Every registered student will be required to have:

1. A Hepatitis A vaccination at DUT which will be paid for by the Department of Food and Nutrition. Alternatively proof of having had a Hepatitis vaccination must be provided.
2. A prescribed chef's uniform and equipment kit which is for the student's account.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Nutrition 1A  
Food Production & Service Operations 1A  
Food Science and Practice 1A  
Food Communication 1  
Cornerstone 101  
Information and Computer Technology literacy skills (FGE)

#### Semester 2

Nutrition 1B  
Food Production & Service Operations 1B  
Food Science and Practice 1B  
Applied Sciences 1  
Consumer Behaviour 1  
Applied Science and Wellness (FGE1)  
Introduction to Applied Sciences (FGE1)

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2322

**CAO Code:** Dip. DU-D-DFN

## Bachelor of Applied Science in Food Science and Technology

### Location

Steve Biko Campus (S9, Level 1)

### Description of the Programme

The purpose of the programme is to focus on generation of knowledge and expertise in the emerging areas of science and technology by developing state-of-the-art knowledge and skills to produce quality manpower needed within the field of food science for societal and industrial benefit. The Food Science and Technology program is driven by the development of theoretical knowledge base as well as the business needs of the food industry. It involves a flexible model where the course content would continuously evolve with the rapid changes occurring within the field of Food Science without compromising on the basis tools in the area.

In South Africa, the second largest industry is the food and beverage industry. The industry is highly diversified and embraces sectors such as dairy, meat, fish, poultry, cereals, confectionary, canned and frozen products and a vast number of fast moving consumer goods. Food technologists are responsible for maintaining and improving the quality of processed food. They strive to make better use of food resources and to find more efficient mass production methods while maintaining the highest level of quality standards. Students registering for the Bachelor Degree can exit after completing a three year programme. The undergraduate programmes are designed so that graduates are well equipped to venture into the industry upon completion of the first three years.

Food Technologists may eventually specialize in one of the following areas:

- Quality Assurance/Quality Control
- Product Research and Development
- Production/Management

As there is presently a shortage of well-qualified Food Technologists, promotion opportunities to Supervisory or Management positions are good, provided students are prepared to work hard, possess leadership ability and are willing to study further.

## Working Conditions

Food Technologists work predominantly in a laboratory or industrial environment, depending on the area of specialization. Some Food Technologists travel extensively to inspect factories and food suppliers. Overtime and night-work are sometimes required by those involved in food production and quality control.

## Personal Qualities Required

The Food Technologist must be practically inclined and be able to work accurately and methodically. He/she needs to have a sound knowledge of chemistry, food technology, microbiology, physics and biochemistry. He/she also needs to be willing to learn continually in order to keep up with modern developments. Team-work is vitally important, therefore the Food Technologist needs to be able to establish good relationships with fellow workers, and also be able to take responsibility and make independent decisions.

## Purpose of Programme

Persons achieving this qualification will be competent to apply theoretical and practical fundamental knowledge and skills in the fields of food technology, microbiology, food chemistry, food process engineering and food quality assurance.

## Career opportunities

Food Technologists work predominantly in a laboratory or industrial environment and may be employed as quality inspectors, laboratory analysts, researchers, product development technologists, packaging technologists, auditors of food factories and suppliers. Food technologists may eventually specialize in one of the following areas: quality assurance /quality control; product research and development, production management and quality management.

Promotion opportunities to supervisory or management positions are possible, provided food industry professionals are prepared to work hard, possess leadership ability and are willing to study further. Some food technologists travel extensively to inspect factories and food suppliers. Overtime and night- shift work are sometimes required by those involved in food production and quality control.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Degree Entry</b> With 28 points or more (excluding Life Orientation) will be considered	<b>NSC Rating Code</b>	<b>A Senior Certificate with Matriculation Exemption or equivalent qualification. Applicants with 30 or more points will be considered.</b>		
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>Or</b>	4	English	D	B
English (1st additional)	4	Maths	D	B
Maths	4	Physical Science	D	B
Life Sciences	4	Biology	D	B
Physical Science	4			

**OR**

## NCV entry requirements:

NCV level 4 with English and Maths at level (60%) and one other subject at 60% AND 2 compulsory vocational subjects, Physical Science (or equivalent), Life Sciences (or equivalent) at 70% and one other at 70%.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Chemistry I	R4 220
Biology I	R4 220
Mathematics	R2 950
Cornerstone 101	R2 950
Institutional General Education Elective 1 (IGE 1)	<u>R1 600</u>
<b>Total</b>	<b><u>R15 940</u></b>

### Semester 2

Bacteriology 2	R4 220
Biochemistry 2	R4 220
Physics	R2 950
Mycology 2	<u>R2 950</u>
<b>Total</b>	<b><u>R14 340</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 6769

**CAO Code:** Degree: DUDBFS

## Diploma in Sustainable Horticulture and Landscaping

### Location

ML Sultan Campus (Block B 5th Floor)

### Description of the Programme

One of the most rapid growth areas in the field of agriculture is that of horticulture. Horticulture includes producing, processing and marketing fruits, vegetables, and ornamental plants (turf grass, flowers, shrubs and trees grown and used for their beauty). Landscape horticulture includes the production, marketing and maintenance of landscape plants. Ranging from simple garden design to more sophisticated architectural designs, landscaping involves the organising and enriching outdoor space by placing plants and structures in an agreeable and useful relationship with the nature. Sustainable horticulture and Landscaping are dependent on a well maintained biodiversity. Hence, biodiversity conservation is an integral aspect of horticulture with a major focus on plant conservation and landscape restoration.

The three-year diploma course in Sustainable Horticulture and Landscaping is aimed at producing graduates who are competent to plan, develop and manage sustainable plant nurseries and landscapes in a variety of contexts (commercial, community, and amenity), while ensuring sustainable and effective use of natural resources. It will empower young people with the necessary skills set to create and maintain sustainable environments within the various strata of South African society. The first two years are spent in formal study while the third year involves a six-month period of structured practical learning at the department's School of Horticulture training facility and a further six-month integrated learning project with suitable industry mentors developing the required competencies.

### Career opportunities

There are various sources of employment for individuals trained in horticultural practices and Landscaping. These businesses include greenhouses, nurseries, garden centres, golf courses, municipal parks departments, government departments, orchards, floral design shops, grounds maintenance operations, vegetable and fruit production and marketing, or self-employment. Horticulturist, work in the wholesale or retail trade (sales) as Researchers, Grounds superintendent or Green Keeper's.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry</b>	<b>NSC Rating Code</b>	<b>A Senior Certificate or equivalent qualification. Applicants with 25 or more points will be considered.</b>		
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>	4	English	E	D
English (1st additional)	4	Biology	E	D
Maths <b>OR</b>	3	Maths	E	D
Maths Literacy	4			
Life Sciences <b>OR</b> (or recognized equivalent)	4			

## Additional Entry Requirements:

Preference will be given to those applicants who have had practical experience with a reputable horticultural concern or who have an agricultural or horticultural background.

**NB:** The sum of an applicant's achievement rating for (Mathematics OR Mathematical Literacy) + (Life Sciences **OR** Physical Science) must be  $\geq 7$

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Plant Studies 1A  
Horticulture 1A  
Business Management 1A  
Estate & Grounds Management 1A  
Growth Media Studies  
Cornerstone 101

### Total

## 2019 Fees

R2 530  
R3 370  
R1 690  
R1 690  
R1 690  
R2 950  
**R13 920**

### Semester 2

Plant Studies 1B  
Horticulture 1B  
Business Management 1B  
Estate & Grounds Management 1B  
Ecology  
IGE Elective

### Total

R2 530  
R2 530  
R1 690  
R1 690  
R1 690  
R1 850  
**R11 980**

**Closing Date for Applications:** 30 September 2019

**Telephone:** (031) 373 5233

**CAO Code:** Dip. DUDSHL

## Diploma in Nautical Studies (Sea Going)

### Location

Steve Biko Campus (S6 Level 5)

### Description of the Programme

The Diploma in Nautical Studies represents a level of qualification that recognises the ability to gain and apply a range of focused, specialised, skills and understanding. Graduates of the diploma would be able to display competence in the application of knowledge in a broad range of varied work activities associated with an international career at sea.

## Career opportunities

The first line of employment may lie within a shipping company or with Transnet National Ports Authority (TNPA), where the graduate will enter the industry as a Deck Cadet, and on completion of the requisite sea-time, further study/training and ancillary courses, could one day aspire to the command of an ocean-going vessel or work in a number of divisions within TNPA (including tugs, pilotage, dredging and vessel traffic services).

Opportunities also exist with the South African Navy (SAN). However, the student will need to meet the stringent physical and medical requirements of SAN. A graduate with the Diploma in Nautical Studies with sea-going experience can transit ashore into a number of positions in areas such as surveying; technical management; education, training and development; and crewing management.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4			
English (1st additional)	4	Maths	E	D
Maths	4	Physical Science	E	D
Physical Science	4	English	E	D

**OR**

### NCV level 4 entry Requirements:

English, Mathematics and Physical Science (or recognized equivalent) at level 5 (60%)

**OR**

### Nated (N4)

N4 Certificate in appropriate subjects with pass in English NSC 4 and one of the following credit combination:

- 2 recognised 20 credit NSC subjects and Mathematics with rating of 4 and N4 Engineering Science with a minimum achievement of 50%; or
- 2 recognised 20 credit NSC subjects and Physical Science with a rating of 4 and N4 Mathematics with a minimum achievement of 50%; or
- 3 recognised 20 credit NSC subjects with rating of 4 and N4 Engineering Science and Mathematics with a minimum achievement of 50%

### Additional Entry Requirements:

SAMSA eyesight to be completed once Firm Offer has been made.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

#### First Year Curriculum

##### Semester 1

Marine Mathematics I  
Marine Science I  
Communication Skills I  
Computer Skills and Information Literacy I  
DUT Cornerstone 101

##### Total

#### 2019 Fees

R2 950  
R3 690  
R2 950  
R2 950  
R2 950  
**R15 490**

##### Semester 2

Marine Mathematics 2  
Marine Science 2  
Introduction to Shipboard Operations  
Electronic Navigation Systems I  
Leadership (elective)  
Values in the Workplace (elective)

R2 950  
R3 690  
R2 950  
R1 970  
R1 850  
R1 970

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2144

**CAO Code:** Dip. DUDNS3

## Diploma in Shipping and Logistics (shore-based)

### Location

Steve Biko Campus (S6, Level 5)

### Description of the Programme

The Diploma in Shipping and Logistics represents a level of qualification that recognises the ability to gain and apply a range of focused, specialised, skills and understanding. Graduates of the diploma would be able to display competence in the application of knowledge in a broad range of varied work activities associated with a career in shipping and logistics.

### Career opportunities

A number of employment opportunities exist within the shore-based sector of the maritime industry. These include port agency, stevedoring, clearing and forwarding, surveying, warehousing, project management and terminal management.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	Maths	E	D
English (1st additional)	4	Business, Commerce or Management subject	E	D
Maths	3	English	E	D
Business, Commerce or Management subject	4			

**OR**

### NCV level 4 entry Requirements:

NCV level 4 with statutory requirements for a diploma entrance with English, Mathematics, Business, Commerce or management subjects at 60%.

**OR**

A recognized Maritime or Shipping NQF 4 or above qualification from an accredited college, with a minimum of 60% in all subjects. In addition to this, the incumbent must possess NSC, with English (home) **OR** (1st additional) level 4 and Mathematics level 3.

### Additional Entry Requirements:

Selection will be determined according to the level of achievement in the above subjects and results of the SATAP test in English and numeracy.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Economics I (Micro)	R2 950
Introduction to Statistics I	R2 950
Communication Skills I	R2 950
Computer Skills & Information Literacy I	R2 950
DUT Cornerstone 101	<u>R2 950</u>
<b>Total</b>	<b><u>R14 750</u></b>

### Semester 2

Economics II (Micro)	R2 950
Statistics I	R2 950
Introduction to Shipping	R3 940
Constitutional Law and Human Rights	R1 850
Cultural Diversity (elective)	R1 850
Violence and Non-Violence (elective)	R1 850
Introduction to Applied Sciences (elective)	R2 950

## Marine Engineering Diploma Programme NODIPM

The Department of Maritime Studies offers a Non-Diploma programme for Marine Engineering. The broad outline for this source is as follows:

- Entry requirements will be a successful completion of a Bachelor of Engineering Technology in Mechanical Engineering.
- Applicants for the full marine engineering programme must apply for the Bachelor of Engineering Technology in Mechanical Engineering (Maritime).
- Successful students will now be ready for registering for Workplace Integrated Learning (WIL). Successful completion of statutory requirements for workshop training, ancillary safety courses and sea-time will allow the student to sit for an Engineer Watch Keeper Certificate of Competency with the South African Maritime Safety Authority.

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2144

**CAO Code:** Dip. DUDSL3

## Higher Certificate: Sport Management Science

### Location

ML Sultan Campus (4th Floor B Block)

### Description of the Programme

The Higher Certificate in Sport Management Science empowers graduates to obtain the necessary knowledge, skills, and practical ability to function within the sport business management environment. This will be achieved by providing a unique blend of comprehensive knowledge, skills and understanding in management and sport science. Graduates would be competent in analysing and practically applying relevant skills in a global context in the sport industry.

### Duration

This programme is offered on a one-year full time basis.

### Career opportunities

Graduates can enter into careers as Sport Administrator, Sport Coaches, School and Club Sport Coordinators, Sport Event Coordinators, Gym Administrators and Managers, Entrepreneurs, Project Managers and Sport Marketing and Retail.

## Entry Requirements

NSC REQUIREMENTS		SENIOR CERTIFICATE REQUIREMENTS		
NSC Higher Certificate Entry Applicants with 24 or more points (excluding LO) will be considered.		A senior Certificate or equivalent qualification. Applicants with 24 or more points will be considered.		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b> English (1st additional)	3	English	E	D

**OR**

### NCV entry requirements:

National certificate vocational Level 4 with statutory requirements for a Diploma, with 50% in English

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Principle of Coaching  
Sport Business Administration  
Cornerstone 101  
Communication Skills  
Business Economics: Entrepreneurship & Finance

#### Total

### 2019 Fees

R2 850  
R3 080  
R2 950  
R2 850  
R2 850  
**R14 580**

#### Semester 2

Teaching Physical Activity to Children  
Sport Management I  
Sport Marketing I  
Project Management  
Management Principles of Anatomy & Physiology

#### Total

R2 850  
R3 080  
R2 850  
R2 850  
R2 850  
**R14 480**

**Closing Date for Applications:** 30 September 2019

**Telephone:** (031) 3736878

**Higher Certificate CAO Code:** HC: DUDSMS

## National Diploma: Sport Management

**PLEASE NOTE** this programme is phased out and a new programme may be offered in 2020. For further information regarding programmes offered in 2020, please contact the Department of Sport Studies on Tel: 031 373 6878 or via email at shobanas@dut.ac.za

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department

## Diploma in Textile Technology

### Location

Steve Biko Campus (S5 & S6 Level 4)

### Description of the Programme

The three-year qualification in Textile Technology is designed to prepare individuals for a wide range of specialist career opportunities in the industrial manufacture of textile fibres, yarns, and fabrics, as well as the colouration and finishing thereof. This is based on a foundation in mathematics, chemistry and physics.

During the first two years of study, students learn a broad range of manufacturing routes including the manufacture of the main fibre types, the principle yarn manufacturing processes, and the knitting, nonwoven,

and woven fabric manufacturing routes, the chemistry and processing associated with the principle dyeing, printing, and finishing stages of manufacture.

In the final year students specialize in either the 'wet' or the 'dry' side of the industry.

The Dry side covers a range of specialized manufacturing processes, including the principle yarn manufacturing methods and woven fabric manufacturing routes.

The Wet side covers the chemistry and processing associated with the dyeing, printing, and finishing stages of manufacture, as well as colour physics.

In addition, this qualification includes other important areas of knowledge, such as textile testing, product development, and some management content.

The program is designed to prepare students with a broad range of textile knowledge, to provide entrance into the extremely diverse local textile manufacturing operations. Graduates of the diploma would be able to display technical qualities appropriate to the manufacturing environment and demonstrate environmental responsibilities.

## Working Conditions

The textile industry includes some state of the art local manufacturing units with challenging opportunities for technicians in the field of fabric manufacture. A Textile Technologist may work in a textile mill or factory, a laboratory or for a retailer.

## Personal Qualities Required

Textile Technology involves teamwork, therefore, one needs to be able to work and co-operate with colleagues. A scientific background is important as well as an aptitude for design work. It is necessary to have a working knowledge and understanding of the basics of textiles and clothing.

## Career opportunities

Excellent opportunities exist in production, fabric development, marketing, and quality control departments, in a range of textile and associated companies. Promotion routes after further study and work experience may in due course lead to senior appointments in production and marketing areas of the manufacturing industry, Clothing industry, Sales person and Advisor.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL REQUIREMENTS	SENIOR	CERTIFICATE
NSC Diploma Entry	NSC	A Senior Certificate or equivalent qualification.		
Compulsory Subjects	Rating Code	Compulsory Subjects	HG	SG
English (home) OR English (1st additional)	4	English	E	D
Maths	4/3	Maths	E	E/D
Physical Science	3/4	Physical Science	E	E/D

**OR**

## NCV level 4 entry requirements

National certificate vocational Level 4 with 50% in English and 60% in Mathematics and Physical Sciences.

## Additional Entry Requirements:

Notwithstanding the minimum NSC points above, Maths + Science must total a minimum of 7 NSC points. Similarly, either Maths or Physical Science should be at SG D (or HG E). Applicants are required to write the DUT SATAP English Literacy test, and SATAP Maths assessment to determine potential. Applicants obtaining less than 50% on this assessment with no special consideration (i.e. mature age application, industry experience and letter from employer) may be conditionally accepted.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum:

Semester 1

Cornerstone 101

## 2019 Fees

R2 950

Chemistry I	R3 420
Physics I	R4 330
Survey of the Textile Industry I	R4 760
Information & Comm Tech Literacy & Skills	R1 850
<b>Total</b>	<b><u>R17 310</u></b>

#### Semester 2

Weaving Preparation	R3 760
Mathematics I	R4 010
Textile Materials	R3 760
Yarn Technology II	<u>R4 760</u>
<b>Total</b>	<b><u>R16 290</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2148 / 2003

**CAO Code:** Dip. DUDTT3

# FACULTY OF ARTS AND DESIGN

## Diploma in Drama

### Location

Ritson Campus (Block N)

### Description of the Programme

The Drama Programme centres on the development of the individual actor/director. It is a multi-functional programme designed to train actors for a varied career in professional theatre, television, radio and film.

It seeks additionally to provide specialist training in two chosen fields through two electives studied at a second and third year level. The National Diploma: Drama is an intensive, full-time three year programme involving the study of theatre and the related arts. This three-year conservatory programme focuses on the holistic development of the unique creative artist.

Drama and Performance Studies graduates have, in the past, continued their studies by reading for a Higher Diploma in Education, (H.D.E), a B. Tech Degree or a B.A. (Hons.). This fourth year qualification is an option for students with excellent grades accumulated in the three-year tertiary diploma and may prove beneficial to anyone wishing to teach within the education system or open their own studio.

### Instructional Programme

The programme for the Drama Diploma spans three years of full-time study offered in Durban only. Practical involvement is considerable and students may not refuse to participate in any such experience as may be arranged for them by the Department, even though the work is in an unpaid capacity. Students are encouraged to seek experience in the professional theatre, provided that such experience does not interfere with class work, production work or attendance.

The main thrust of the National Diploma: Drama is aimed at developing performance skills, as: Departmental productions mounted by professional directors. Students are also trained to work in other mediums of communication, particularly television and screen acting.

### An Actor

Preparation for a career as an actor extends from class work in distinctive acting styles, to productions, both in front of a student audience and the general public in Departmental productions mounted by professional directors. Students are also trained to work in other mediums of communication, particularly television and screen acting.

### The Director

Throughout the three years of study, the student is exposed to the diverse skills needed in order to become a director. A study is made of various directors and directing techniques and in third year; each student is required to direct a short production. Workshop also forms an integral part of the directing programme.

### Time Devoted

The Department takes a maximum of 40 students per annum. Practical involvement is considerable and students must be prepared to for vigorous and intensive training schedules. Students may not contract to be involved in an outside production, without the consent of the Head of Department, who may advise against such participation if it is likely to interfere with class attendance or performance criteria.

Apart from normal class time, drama students must be prepared to make themselves available to rehearse and perform at night, during holidays and over weekends where necessary. Anyone not available on Friday evenings, Saturdays or Sundays for religious or other reasons, must make this clear when applying for admission to the programme.

For certain courses i.e. Dance and Acting, the student will be required to purchase specific clothing and footwear. Further, prescribed academic texts - plays, poetry or prose anthologies, novels- may be requested by various programmes.

## Career Opportunities

A student completing the National Diploma: Drama pursues careers predominantly in the theatre, television, film, and radio industries. The programme also equips students to create their own work, by starting small companies offering educational as well as community theatre. A Diploma in Drama also provides a thorough foundation for any career requiring the basics in communications and life skills, i.e. sales, public speaking, business, presentations, entertainment's officer, corporate workshops, publicists, tourism, theatre reviewing, teaching, etc.

## Entry Requirements

DEPARTMENTAL REQUIREMENTS		NSC	DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry</b> With 24 points or more	<b>NSC Rating</b>		<b>A Senior Certificate or equivalent qualification.</b> <b>24 points required</b>		
<b>Compulsory Subjects</b>	<b>Code</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>	4		English	D	
English (1st additional)	4		Another Language	E	E
With another language	3				

## NCV level 4 entry requirements

National certificate vocational Level 4 with 50% in English and 40% in another recognized language.

## Additional Entry Requirements:

All prospective students are required to pass a series of auditions. At the first audition, the student must present a monologue, a poem, as well as a dance, song, mime, etc. of his/her own choice. Applicants who successfully pass this audition will have to participate in a second audition in November/December. He/she must pass the call back audition by proving his/her aptitude in improvisation, sight reading, movement or singing. Applicants are required to demonstrate good communication skills in a reading study and an interview. The applicant must further present set monologues and a poem, plus prepare another dance, song, or mime of his/her own choice.

### First Year Curriculum

Acting & Techniques I  
Arts Administration I  
Communication Techniques I  
Performance Techniques I  
Text Study I  
Theatre Study I

### TOTAL

### 2019 Fees

R8 560.00  
R2 730.00  
R6040.00  
R7 060.00  
R2 730.00  
R4 300.00  
**R31 420.00**

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2194

**CAO Code:** Dip. DUDDR3

## **Bachelor of Education (FET) Specialisation**

**This programme may be replaced in 2019 by the Bachelor of Education in Senior Phase and Further Education and Training Teaching**

### **Location**

Indumiso Site, Midlands Campus (Pietermaritzburg)

### **Description of the Programme**

“Your future in Teaching starts here”

The School of Education offers a four year professional Bachelor of Education FET (B Ed FET) Degree. The qualification will enable the qualifying student to be competent in facilitating teaching and learning within one of the selected specialization areas: [Economics and Management Sciences; Natural Sciences and Technology in the further Education and Training Band [FET]

### **Role of a teacher**

Teachers are key contributors to the transformation process of education in South Africa. A teacher is a professionally trained individual who is competent, dedicated, compassionate and caring. He/she will be able to fulfil the pastoral roles, being a leader, administrator, scholar, researcher, assessor, community member, a mediator of learning, designer of learning programmes and material and a lifelong learner.

### **Educational Environments:**

Secondary schools are located at various places in our community. These include urban and rural environments. As an educator you will be required to engage with learners in a school. Each educator will be required to assess students' work and give regular feedback. Reports on learners' progress is done at the end of each term.

### **Knowledge Attitudes, Skills and Values**

The following are essential requirements

- Good English language skills
- Knowledge in at least two subjects in a learning area that you will pursue in your studies.
- A positive attitude to teaching and learning
- Good human relations and interpersonal skills
- Concern for the upliftment of the community and society

### **Career Opportunities**

On completion of the BEd (FET) you may apply to the Department of Education (DoE) Department of Basic Education which controls National Education for employment at a government school or choose to be employed at a private Institution.

Graduates may also enrol for further study, e.g. BEd (Hons) Degree

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS			National Certificate (Vocational) NCV Level 4	Nated Certificate (N6)
NSC Degree Entry -28 Points or More (excluding Life Orientation) and a PASS in English		A Senior Certificate or equivalent qualification.			NC(V) level 4 with 60% in three fundamental subjects including English and 70% in four compulsory vocational subjects, chosen from the NCV level 4 subjects.	N6 with 60% pass in all four subjects. In addition, the student must have a NSC certificate with English level 3 OR English HG 'E'/SG 'C'
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	H G	S G		
<b>Specialization: (i) Economics &amp; Management Sciences</b>		<b>Specialization: Economics &amp; Management</b>				
English	4	English	E	C		
Accounting	4	Accounting	E	C		
<b>Specialization: (ii) Natural Sciences</b>		<b>Specialization:</b>				
English	4	English	E	C		
Mathematics	4	Mathematics	E	C		
<b>Specialization: (iii) Technology</b>		<b>Specialization:</b>				
English	4	English	E	C		
Maths/Maths Lit or any other Technology related subject	4	Mathematics <b>OR</b> Technical Drawing	E	C		

**Please Note:** These entrance requirements are subject to change for the 2020 intake. Please check DUT/CAO website regularly

### First Year Curriculum Economics and Management Sciences

Accounting I	R3 510.00
Business Management I	R3 510.00
Communication in Afrikaans	R2 240.00
Communication in English	R2 610.00
Communication in IsiZulu	R2 240.00
Computer Application Technology	R3 520.00
Economics	R3 520.00
Education	R6 280.00
General Subject Didactics	R4 780.00
Mathematical Literacy I	R3 520.00
Skills and Life Orientation	R2 560.00
Experiential Learning	R7 60.00
<b>Total</b>	<b>R39 050.00</b>

### 2019 Fees

## Technologies

Communication in Afrikaans	R2 240.00
Communication in English	R2 610.00
Communication in IsiZulu	R2 240.00
Civil Technology	R3 540.00
Education	R6 280.00
Electrical Technology	R3 540.00
Engineering Graphics and Design	R3 540.00
General Subject Didactics	R4 780.00
Mathematics	R3 510.00
Mathematics Literacy	R3 520.00
Mechanical Technology	R3 540.00
Skills and Life Orientation	R2 560.00
Experiential learning	<u>R7 60.00</u>
<b>Total</b>	<b><u>R42 660.00</u></b>

## Natural Science

Biology	R3 510.00
Communication in Afrikaans	R2 240.00
Communication in English	R2 610.00
Communication in IsiZulu	R2 240.00
Education	R6 280.00
General Subject Didactics	R4 780.00
Mathematics	R3 510.00
Physics	R3 510.00
Chemistry	R3 510.00
Skills and Life orientation	R2 560.00
Experiential Learning	<u>R 760.00</u>
<b>Total</b>	<b><u>R35 510.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** 033) 845 8926/8927

**CAO Code: Degree Specialisations**

**: Economics and Management Sciences: DUIEDE**

**: Natural Sciences: DUIEDN**

**: Technology: DUIEDT**

# Diploma in Fashion

## Location

Brickfield Campus (96 Felix Dlamini (Brickfield) Road, Overport, Durban)

## Description of the Programme

The Diploma in Fashion Design will not only support traditional design, but strive to educate and equip students with practical skills and applied knowledge to meet the needs of industry and the requirements of employers. The aim of the programme will be to develop graduates who can demonstrate focused knowledge and skills in the fashion/clothing and other related fields. An in-depth specialisation of knowledge, together with practical skills and collaboration with industry experts, will enable graduates to enter a number of career paths, such as pattern technology, design and trend forecasting, retail and merchandising and/or fashion buying, and to apply their learning to particular employment contexts from the outset. A wide and diverse range of activities will take place across a structured programme, with an emphasis on research and creativity, and these will contribute towards the intended outcomes. The study and application of the theoretical and creative components of the programme will actively encourage the students to broaden their knowledge base and commit themselves to the challenges of the future and to contribute to the expansion and development of the South African as well as international fashion/clothing industry as a whole. A student accredited with this qualification will develop a deep and systematic understanding of current thinking, practice, theory and methodology in areas of specialisation. With the introduction of General Education and the exposure to a range of interdisciplinary elective modules, the student will be prepared for the social, personal and global work environment.

The purpose of the Diploma in Fashion Design is:

- to develop graduates who can demonstrate focused knowledge and skills
- to prepare graduates as entrepreneurs and/or employees who can successfully establish a place in the highly competitive and challenging world of the clothing/fashion industry
- to provide the industry with creative and skilled graduates as generalist designers, with broad and well informed views of the total production process in the clothing/fashion industry, as well as in specialist areas in various sectors of the industry toward creating employment and/or self-employment
- to prepare students for further study at Advanced Diploma and Postgraduate level.

The curriculum has been structured to provide an introduction to higher education, to Fashion Design as a discipline and a profession, and to professional work practices. The wide and diverse range of activities across the structured programme, will focus on applied research and creativity, which will contribute towards the intended outcomes.

The programme will prepare students for life-long learning and support in both traditional and contemporary fashion design; to promote a spirit of enquiry, reflection and evaluation, to encourage students to be innovative in their approaches to problem solving; to pursue new ideas and apply the knowledge and skills acquired to issues encountered in the workplace and society; and to interact with the industry with a view to identifying opportunities in both the formal and small business sector.

In keeping with the mission of the University and the Faculty, the Diploma in Fashion Design will offer an in-depth interactive and research-orientated learning environment to equip students with the practical skills and applied knowledge to meet the needs of the fashion/clothing industry. The Diploma will provide greater learning opportunities in terms of skill and technology, so that the student can achieve the highest level of design understanding, that meets the social and economic needs of the self and society through entrepreneurship and sustainable development.

## Personal Qualities Required

The fashion and textiles industry is highly competitive and depends upon rapid turn-around time. Working conditions are not always favourable and the designer or entrepreneur is constantly placed under pressure to meet deadlines. It is, therefore, important to have the ability to communicate at all levels, deal with criticism, and work in an organized and rational manner. Although this may all seem quite challenging, if the enthusiasm, ambition and desire to succeed is there, the rewards of recognition will present themselves. Qualities which will assist students in reaching their goals are professionalism, self-motivation, commitment and drive.

## Career Opportunities

The possible career opportunities include being self-employed (as a bespoke designer, freelance pattern technologist, or CAD artist), a commercial designer in a clothing manufacturer, a buyer or merchandiser, trend forecasters, visual merchandisers and/or an academic. Opportunities exist in performing arts, film and television companies. One can enjoy recognition at a fairly young age and become a senior designer or reach executive level in a fashion house. In large companies' designers are usually sent to overseas trade shows in the major centres of the world, to study fashion trends or select fabrics and trimmings. To cope with modern design development and advanced technology, the industry requires appropriately trained designers, technologists and management personnel in ever-increasing numbers. Students are also equipped with entrepreneurial skills to start their own businesses.

## Entry Requirements

The minimum admission requirement is a National Senior Certificate (NSC) with a minimum achievement rating of 3 for English and a minimum achievement rating of 3 in three additional recognised NSC 20-credit modules; a National Senior Certificate (Vocational) Level 4 with at least 50% in three fundamental modules, including English; and, at least 60% in three compulsory vocational modules; a Senior Certificate or equivalent qualification with a minimum of 20, or more points.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	A Senior Certificate or Equivalent Qualification. Applicant with 20 or more points will be considered		
Compulsory Subjects		HG	SG	NCV
English (home) OR English (1st additional)	3	D	E	Level 4 with at least 50% in three fundamental modules, including English; and, at least 60% in three compulsory vocational modules
And Three 20 credit subjects (not more than one language)	3			

**Additional Entry Requirements:** A Creative, logistical and personality assessment as well as personal interview are arranged. A portfolio/collection consisting of six pieces of your own work comprising an art portfolio, designs of garments and any other fashion related items must be presented personally at the interview. Portfolios in electronic format will not be accepted or considered.

(Portfolios should not be sent to the Department or the Central Applications Office as these will not be considered or returned.)

## SELECTION CRITERIA

Candidates must display a keen interest in the fashion design profession. A knowledge and understanding of the requirements of the profession and any experience therein will be advantageous. Selection into the programme is based on academic merit, and a ranking system will apply based on the outcome of the admission assessments. A minimum of 20 or more points is required for entrance to the programme. In addition, Mathematical Literacy and Visual Arts OR Engineering Graphics and Design are recommended but are not a pre-requisite.

In addition to compliance with the provisions of the General Rules pertaining to admission and registration (Rule G3 and G7 refer), short listed candidates must successfully complete a departmental entrance test, and submit a portfolio of a minimum of 10 recent and relevant fashion/art related work for evaluation during an in-depth interview. This portfolio could include garments made up yourself, fashion drawings, art sketches, self-embellished garments, etc. The entrance test includes a range of drawing, design, writing and basic discipline specific numeracy exercises. Based on the results of the entrance test, portfolio submission and interview, the student will qualify for entrance into the 3-year 'Diploma in Fashion Design'.

**Please note:** Portfolios should not be sent to the Department or the Central Applications Office (CAO)

as these will not be considered or returned; and portfolios and/or photographs in electronic format will not be accepted or considered.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Pattern Technology I  
Garment Technology I  
Creative Design I  
Theory of Clothing I  
Cornerstone 101  
English for the Arts

#### TOTAL

### 2019 Fees

R3 870.00  
R3 870.00  
R3 870.00  
R2 580.00  
R2 950.00  
R2 730.00

**R19 870.00**

#### Semester 2

Garment Design and Development I  
Drawing and Illustration I  
Entrepreneurial Studies I  
2 & 3 Dimensional Studies I  
Textile I  
Institutional Gen Ed: Law of Life (Social) OR Cultural Diversity (Social)

#### TOTAL

R3 870.00  
R2 580.00  
R2 580.00  
R2 580.00  
R2 580.00  
R1 850.00

**R16 040.00**

The following items are covered by the programme fees:

- Art Kit valued at +/- R1000
- Portfolio Case and toolbox
- Fabric needed for selected projects
- Paper/card needed for selected creative design projects
- Text Books
- A Memory stick

Students are required to purchase their own Garment and Pattern Technology equipment, stationery and fabric

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 3750

**CAO Code:** Dip. DUBDIF

## Diploma in Fine Art

### Location

City Campus

### Description of the Programme

The programme aims to train and educate potential artists of high ability and provides a learning environment in which the creative abilities of students can be developed in the pursuit of the fundamental questions of art. Emphasis is placed on the practical development of skills and knowledge and on the student's application of their chosen major disciplines.

Furthermore, the Fine Art programme attempts to stimulate an interest and curiosity in Art Theory and to develop the critical, evaluative and analytical ability of each student.

Our graduates are taught to become:

- Critical and creative thinkers who work independently and collaboratively.
- Knowledgeable practitioners
- Effective communicators
- Culturally, environmentally and socially aware within a local and global context

- Active and reflective learners

## Duration

This programme is offered on a full-time basis for three years.

## Career Opportunities

The field is diverse and challenging. On completion of the programme the student will be qualified and prepared to embark on a career as a professional artist working individually from a private studio or in collaboration with other artists to produce work of exhibition standard for galleries and collections of fine art throughout the country. A recent survey has indicated that most of our past students have been gainfully employed as self-employed professional artists or within the educational or design fields as lecturers, technical art advisors, textile designers, gallery assistants, illustrators, advertising designers and visualisers.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS
NSC Diploma Entry	NSC Rating Code	A Senior Certificate or Equivalent Qualification.
Compulsory Subjects		
English (home) OR English (1st additional)	3	
And Three 20 credit subjects (not more than one language)	3	

## Additional Entry Requirements:

You will need to have a National Senior Certificate or its equivalent to enter the first year of study. Further to this, there is a selection process which will be guided by a set of criteria which include evidence of a high standard of creativity and interest in art and an adequate level of written and spoken English. Art as a qualifying subject will be an advantage. You will need to come to an interview to which you should bring a portfolio of at least 20 drawings of objects drawn from life and a self-portrait drawn from a mirror. Additional creative work (drawings, paintings, sculpture, prints, etc.) will be an advantage. At the interview you will be required to complete 40 minute visual-comprehension test.

Formal interviews are held by appointment from August but you are welcome to visit the Department by appointment at any time.

## First Year Curriculum

Art Theory 1A  
Cornerstone 101  
Studio Practice 1A  
Art Theory 1B  
English for Arts  
Studio Practice 1B

### TOTAL

## 2019 Fees

R1 900.00  
R2 950.00  
R10 240.00  
R1 900.00  
R2 730.00  
R10 240.00  
**R29 960.00**

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 6600

**CAO Code:** Dip. DUCDFA

# Bachelor of Design in Visual Communication Design

## Location

City Campus

## Description of the Programme

**Bachelor of Design in Visual Communication Design** programme is designed to prepare students for a place in the world of visual communication, design, digital design and advertising. It will help students develop an individual creative ability as well as a recognition and understanding of current market demands, trends and technology requirements.

To provide a Visual Communication Design education that enables graduates to be creatively, intellectually, technically, and professionally competitive as graphic designers and visual communicators to the level of local and international standards. To prepare learners with knowledge and skills for viable career performance for all areas of the visual communication, design, digital design and advertising industries. To empower learners to communicate effectively with appropriate skills for the visual communication design profession. To promote partnerships with industry, community, and society and with other educational institutions both within South Africa and abroad.

To promote research and build research capacity that is appropriate/ relevant to the needs of contemporary South African society, and informs both education and design practice. To research and apply new technologies and new applications of conventional techniques.

To promote an ethical and critical approach to all three disciplines; and to affirm their capacity to function as important tools for social upliftment and change.

To provide a supportive, nurturing environment for students and which promotes self-motivation.

The purpose of the Bachelor of Design in Visual Communication Design is to provide a first professional level education in the field of Visual Communication Design (VCD), and so to develop graduates who will be capable of gaining employment at an entry level in any of the range of industries that require applied VCD capabilities, and of applying their learning to these employment contexts immediately; and to prepare graduates for further studies at Honours level.

## Career opportunities

As a first degree, it is expected that most graduates of this qualification may potentially seek employment or self-employment in any of the sub-fields of Visual Communication Design as broadly defined and evolving over time, including but not limited to design and illustration for print media and advertising; animation, web- and multi-media design, on-line design, product design, and other specialisations. The qualification will also enable graduates to pursue further studies at Honours level.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS
NSC Degree Entry		A Senior Certificate or Equivalent Qualification
Compulsory Subjects	NSC Rating Code	
English (home) OR English (1st additional)	3	
And four 20 credit subjects(not more than one language)	4	

## Additional Entry Requirements:

Minimum admission requirements for admission to the Bachelor of Design in Visual Communication Design correspond to those set by the DHET for Bachelor's degree admission, as per General Rule G7(2)(b)(ii). Applicants must also successfully complete an entrance test and submit a portfolio of their own recent art/design work as per the department's instructions

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum:

#### Semester 1

Cornerstone 101  
English for the Arts  
Visual Communication Design 101  
Graphic Techniques and Technology 101

#### TOTAL

### 2019 Fees

R2950  
R2730  
R7200  
R7200  
**R20 080**

#### Semester 2

ICT Literacy & Skills  
Interpersonal Communication & Self  
Cultural Diversity  
(Critical & Contextual Studies 101  
Visual Communication Design 102  
Graphic Techniques and Technology 102  
Professional Design Practice 101

R1850  
TBA  
TBA  
R3200  
R6100  
R6100  
R2890

\* Please DO NOT send portfolios to the CAO or send to the Graphic Design Programme. Bring your portfolio and your CAO number, to the Graphic Design Programme when attending the APTITUDE TEST and the INTERVIEW. After registering with the CAO, if you have not received information about the dates of the Aptitude test, please contact the programme co-ordinator for details.

### Closing Date for Applications: 31 August 2019

**Telephone:** (031) 373 6648  
**CAO Code:** DUCBDV

## National Diploma: Interior Design

**Please note** this programme is phased out and a new programme may be offered in 2020. For further information regarding programmes offered in 2020, please contact the Department of Interior Design on Tel: 031 373 6503 or via email at [senelen@dut.ac.za](mailto:senelen@dut.ac.za)

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department

## Diploma in Jewellery Design and Manufacture

### Location:

City Campus

### Description of the Programme

The traditional training for a jeweller's career was an apprenticeship at a recognized master jeweller's workshop. Through the innovations of mass production, it became necessary to train people for all the aspects of the highly specialized production processes of the factories.

The University's instructional programme trains students in designing, manufacturing and marketing of jewellery, the basic principles for a successful career in the jewellery business.

On completion of the instructional programme graduates will have no difficulties in coping with the variety of manufacturing and designing functions, especially if they have obtained the Bachelor of Technology after four years' training, or at least 6 month of practical working experience after having obtained the Diploma.

The qualifying learner will be competent in the production of creative jewellery using a variety of skills and materials. Our graduates are taught to become:

- Critical and creative thinkers who work independently and collaboratively.
- Knowledgeable practitioners

- Effective communicators
- Culturally, environmentally and socially aware within a local and global context
- Active and reflective learners

## Working Conditions

A small jeweller's workshop has only a few staff members - they work closely together as a team. This needs all-round people with good social relationships with others, able to co-operate and work with total honesty in dealing with precious materials.

These jewellers design individual pieces of jewellery, manufacture the pieces and sell them to their customers. They are also responsible for the management of their business.

Jewellery factories need people specialised in different fields - designing, manufacturing, model making, casting, setting, or marketing of the products.

Some small jewellery shops sell jewellery on a retail basis; they employ people to sell and repair jewellery, and general managerial duties.

## Career Opportunities

The jewellery industry is experiencing a period of growth due to the relaxation of previous harsh taxation laws and a concerted expansion drive from the industry. Good career opportunities exist for properly trained, highly motivated and talented people. The departmental emphasis on entrepreneurship has led to a number of past students establishing their own successful businesses. The internet provides even more opportunities in terms of marketing your products.

## Duration

This programme is offered on a full-time basis for three years.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS
<b>NSC Diploma Entry</b>	<b>NSC Rating Code</b>	<b>A Senior Certificate or Equivalent Qualification. Compulsory Subjects</b>
English (home) <b>OR</b> English (1st additional)	3	
And Three 20 credit subjects (not more than one language)	3	

## Additional Entry Requirements:

In addition to the provisions of the General Rules. Prospective Jewellery Design students must submit a portfolio of specified art work and successfully complete a programme selection test and personal interview convened and assessed by a programme panel. The NSC subjects Visual arts, Design and Engineering, Graphics and Design are recommended but are not a pre-requisite. The NSC rating code of 3 or higher is required for English.

## Portfolio

Portfolios are to be submitted at the interview.

The Portfolio is to consist of any of your work that you have done to date (drawings or crafts).

## Interviews/Testing

All applicants have to present themselves for an interview and test at the Department. These will be held in October / November / December 2019

## Hand Tools and Art Materials

All students are required to provide their own hand tools and art materials. Non-precious metals are provided at no extra cost to the student. The course does not cater for students to design and/or make jewellery for themselves during course contact hours. Private work is, however encouraged after hours.

### First Year Curriculum

Cornerstone 101
Jewellery Design and Drawing 1A
Jewellery Theory and Practice 1A
Jewellery manufacture 1A
English for Arts
Jewellery Design and Drawing 1B
Jewellery Theory and Practice 1B
Jewellery Manufacture 1B
<b>TOTAL</b>

### 2019 Fees

R2 950.00
R3 340.00
R1 420.00
R7 740.00
R2 730.00
R3 340.00
R1 420.00
R7 740.00
<b><u>R30 680.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 6600

**CAO Code:** Dip. DUCDJM

## Bachelor of Journalism

***Please note that this programme is currently suspended.***

For further information, please contact the Department of Media, Language and Communication on Tel: 031 373 6614 or via email at [lindiwenp@dut.ac.za](mailto:lindiwenp@dut.ac.za)

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department.

## Diploma in Language Practice

***Please note that this programme is currently suspended.***

For further information, please contact the Department of Media, Language and Communication on Tel: 031 373 6804 or via email at [ndlela@dut.ac.za](mailto:ndlela@dut.ac.za)

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department.

## Bachelor of Applied Arts in Commercial Photography

***Please note that this programme is currently suspended.***

For further information, please contact the Department of Visual Communication Design on Tel: 031 373 5405 or via email at [nomfundoml@dut.ac.za](mailto:nomfundoml@dut.ac.za)

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department.

## National Diploma: Video Technology

**PLEASE NOTE** this programme is phased out and a new programme may be offered in 2020. For further information regarding programmes offered in 2020, please contact the Department of Video Technology on Tel: 031 373 6627 or via email at [rajeshreej@dut.ac.za](mailto:rajeshreej@dut.ac.za)

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department.

# FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

## Bachelor of the Built Environment in Architecture

### Location

Steve Biko Campus (S5 Level 5)

### Description of the Programme

The BBE(Architecture) is a three year full-time programme. Its specific purpose is to build the necessary knowledge, understanding, abilities and skills required to register as a candidate architectural technologist with SACAP once graduated. To register with the professional council, an additional period of mentorship and professional practice examinations need to be completed.

### Mission

We shall adopt a learning paradigm focussing on finding and solving challenges in the build environment. We endeavour to achieve this through broad collaboration and the appropriate use of technology.

### Career Opportunities

The Department of Architecture enjoys unconditional validation (accreditation), by the South African Council for the Architectural Profession (SACAP), of both the National Diploma (Architectural Technology) and the B.Tech (Architectural Technology). The Architectural Professions Act 44 of 2000 (referred to as the Act hereafter) allows for graduates to register in the following professional categories:

National Diploma (Architectural Technology) - Candidate Architectural Technologist

Bachelor of the Built Environment (Architecture) – Candidate Architectural Technologist

BTech (Architectural Technology) - Candidate Senior Architectural Technologist

Candidate architectural technologists' / candidate senior architectural technologists are required by the Act to undergo a period of mentorship in a registered architectural practice and to pass professional practice exams in order to register as professional architectural technologists/professional senior architectural technologists respectively. Registered professionals may work in a practice or engage in private practice.

The Department also offers a Master of the Built Environment and Doctor of the Built Environment qualification, however both are research degrees that do not lead to professional registration. At the moment we are curriculaing to offer a Bachelor of the Built Environment (Honours) and a Master of the Built Environment (Architecture) which can lead to registration as a Candidate Professional Architect, but these will not yet be available in 2020.

### Entry Requirements – BBE (Architecture)

The minimum entry requirement is the National Senior Certificate; the Senior Certificate (offered prior to 2008); or the National Certificate (Vocational) with appropriate subject combinations and levels to achieve an exemption/endorsement for admittance to a Bachelor's degree programme.

Further to the above, the following are required for admission into BBE(Architecture):

## Entry Requirements

Compulsory Subjects	National Certificate Rating	Senior Certificate (Vocational) Mark	Senior Certificate	
			HG	SG
Mathematics (Not Mathematics Literacy)	4			
English (Primary), <b>OR</b>	4			
English (First additional)	4			
Mathematics		80%		
English		80%		
Mathematics			D	C
English			D	C

Other recommended subjects (not compulsory): Technology, History, Art, Technical Drawing, Geography, Physics.

## National Certificate (Vocational) Level 4

The following subjects:

English, Mathematics and one other language at *outstanding* level (80-100%)

## Additional Entry Requirements:

In addition to the requirements above, the top 300 applicants will be required to undergo a test for selection purposes. The weighted results from this test, in addition to their Trials mathematics marks for those students yet to complete their senior certificate or the mathematics results achieved in their NSC if already awarded will be used to determine offers of places in the programme based on a ranking of these combined results.

Preference will be given to applicants placing Architecture at DUT as their 1st choice. This will also apply to the ranking of offers.

Should suitable numbers of candidates not register, the department reserves the right to conduct a second round of selection.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Academic Literacy 1A  
Architectural Design 1A  
Construction Technology 1A  
Mathematics for the Built Environment  
Physics 1A  
Settlement history 1

#### Total

### 2019 Fees

R2 260.00  
R7 240.00  
R7 240.00  
R3 300.00  
R2 280.00  
R3 020.00  
**R25 340.00**

#### Semester 2

Architectural 1B  
Construction Technology 1B  
Physics 1B (Mechanics)  
History & Theory of Design 1  
Cornerstone 101  
Communication Literacy 1

R7 240.00  
R7 240.00  
R2 280.00  
R2 260.00  
R2 950.00  
TBA

Closing Date for Applications: 30 September 2019

Telephone: (031) 373 2857

CAO Code: DU-DBAT

# Bachelor of the Built Environment in Construction Studies

## Location

Steve Biko Campus (S3 Level 2)

## Description of the Programme

The Bachelor of the Built Environment in Construction Studies will provide a generic undergraduate qualification that will equip students with a broad knowledge and understanding of the construction process that will not only enable them to specialise in either Quantity Surveying or Construction Management at honours level.

## Career opportunities

Career opportunities exist in Construction Companies, Private Professional Practices, Banks and Government Department etc. in the areas of Quantity Surveying, Construction and Construction Project Management.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating Code	A Senior Certificate or equivalent qualification.		
Applicants with 29 points or more will be considered		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	English	E	C
English (1st additional)	5	Mathematics	E	C
Maths	4	Physical Science	E	C
Physical Science	4			

### Note:

- The subject NSC Mathematical Literacy will not be accepted as a substitute for the Subject NSC Mathematics.
- The subject Life Orientation is not taken into consideration.
- The exit certificate of the candidate must qualify the candidate for bachelor's degree study at an institution of higher learning.
- APS points required are 29

## National Certificate (Vocational) Level 4

National Certificate Vocational with a minimum mark with 70% in English, Mathematics and Physical Sciences (or Equivalent) and two other relevant vocational subjects.

## National Technical Certificate N4

An N4 Certificate with passes at 60% in four (4) relevant subjects including Mathematics and Engineering Science, Building and Structural Construction and Building and Structural Surveying as well as compliance with the English Language requirements as stated in the General Rules. No credits will be given for a subjects passed at TVET College. The candidate must already be in possession of the National Senior Certificate endorsed to study for a bachelor's degree at an institution of higher learning.

In addition, **Please note:** Applicants will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%. (Maths Lit will not be accepted as a substitute for Maths and also Life Orientation is excluded)

Prospective applicants may present a cognate level 6 Diploma for entry into the BBE (Construction Studies) programme. Credit transfer will be considered dependent on the content thereof being presented.

Prospective applicants may present a cognate National N Diploma for entry into the BBE (Construction Studies) programme. Credit transfer is not possible.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

## 2019 Fees

### Semester 1

Construction Management 1A	R2 280.00
Construction Technology 1A	R3 300.00
Cornerstone 101	R2 950.00
Mathematics for the Built Environment	R3 300.00
Physics for the Built Environment	R2 280.00
Quantities & Documentation 1A	R3 300.00
Technical Literacy	<u>R2 510.00</u>
<b>Total</b>	<b><u>R19 920.00</u></b>

### Semester 2

Construction Management 1B	R2 280.00
Construction Technology 1B	R2 280.00
Information and Communication Technology Literacy	R1 850.00
Physics for the Built Environment 1B	R2 280.00
Quantity and Documentation 1B	R3 300.00
Statistics for the Built Environment	<u>R3 010.00</u>
<b>Total</b>	<b><u>R15 000.00</u></b>

**Closing Date for Applications:** 30 September 2019

**Telephone:** (031) 373 2143

**CAO Codes:** DU-D-BBU

## Bachelor of Engineering Technology in Chemical Engineering

### Location

Steve Biko Campus (S4 Level 1)

### Description of the Programme

The learning programme consists of a coherent assembly of knowledge areas associated with chemical engineering practice, these include: mathematics, natural sciences, engineering sciences, design and synthesis, computing and IT, and relevant complementary studies. This assembly of knowledge areas provide a viable platform for further studies and lifelong learning, and will produce graduates who can function in today's fast changing, dynamic and evolving industrial market place.

Their broad training in natural and mathematical sciences, coupled with a strong foundation in chemical engineering principles, will produce graduates that are highly numerate and have skills in problem solving, team working, communication and Information Technology. This qualification is designed to provide the graduate with knowledge and attributes to work in a diverse spectrum of industries including the chemical, petrochemical, pulp and paper, polymer, mining, water and waste water treatment, energy, food, and pharmaceutical industries. The key attributes of the graduates of this qualification are:

- The ability to apply established and newly developed engineering technology to solve Broadly-defined problems and develop components, systems, services and processes.
- They provide leadership in the application of technology in safety, health, engineering and commercially effective operations and have well-developed interpersonal skills.
- They work independently and responsibly, applying judgement to decisions arising in the application of technology and health and safety considerations to problems and associated risks.
- A specialized understanding of engineering sciences with a deep underlying knowledge of specific technologies together with financial, commercial, legal, social and economic, health, safety and environmental matters.

This qualification provides the educational base for the registration as a candidate Professional Engineering Technologist with the Engineering Council of South Africa (ECSA) and is recognized internationally through the Sidney Accord.

## What is Chemical Engineering?

Chemical Engineering is a science that involves the study of the processes required for the conversion of raw materials into useful products with minimum environmental impact. It uses the application of physical and life sciences, mathematics, economics and engineering sciences to produce, transform, and transport chemicals, materials and energy.

Chemical engineering professionals are involved in the transfer of scientific discoveries into modern manufacturing technologies for the production of chemical and products that benefit society. They are involved in the development and manufacture of consumer products, as well as in design, operation and control of processes in a variety of industries (e.g. petroleum, petrochemical, chemical, consumer products, food, feed and pharmaceuticals).

Examples of some typical chemical engineering operations in South Africa include:-

- The conversion of crude oil into petrol, diesel, wax, etc.
- The conversion of wood into paper products.
- The extraction of sugar from sugarcane
- The conversion of coal into petrol and other useful products.
- The extraction of precious minerals. We make daily use of products that are obtained via the principles of chemical engineering, e.g.: paper, plastic materials, textiles, petrol, fertilizers, drinkable water etc.

## Career Opportunities

A chemical Engineering technologist is employed in chemical plants for the purpose of: research and development; economic evaluation; chemical engineering design; plant operations and management; project management and product marketing.

## Why Do Chemical Engineering At Durban University Of Technology?

The mission of the Department of Chemical Engineering is primarily to provide a relevant program, maintain a strong balance between theory and practice, establish and maintain partnerships with industry and excel in research and development with technology transfer through external engagement. Some of the key characteristics are:

- The department of is recognized as one of the leading University of Technology departments in Chemical Engineering teaching and research.
- In keeping with the philosophy of vocational training, the department has one of the most comprehensive laboratory facilities in the country.
- I has received full accreditation for all its chemical engineering programmes from the Engineering Council of South Africa.
- The department is composed of qualified chemical engineers with a range of expertise that are responsible for teaching and research. This ensure the maintenance of high standards, and continues cross flow of ideas, and provides the ideal basis for the transfer of the latest technology to students.
- The Department is actively involved in relevant research. The research areas include: water and wastewater treatment; membrane technology; particle technology; beneficiation of waste streams, catalysis, fuels and biofuels, thermodynamics and mathematical modelling.
- The course offered are current and relevant because the Department of Chemical Engineering has extensive interaction with the chemical industry, research organization, The South African Institution of Chemical Engineers and the Engineering Council of South Africa.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry Applicants with 28 or more points will be considered.		A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) OR	4	English	C	B
English (1st additional)	4	Maths	C	B
Maths	4	Physical Science	C	B
Physical Science	4			

**NB:** Mathematical Literacy will not be considered

A minimum of 28 points is required for entry to the degree. **The exit certificate of the candidate must qualify the candidate for degree study at an institution of higher learning.** Students are ranked on merit in the final selection. The Department reserves the right to consider only 1<sup>st</sup> to 3<sup>rd</sup> choice students for Chemical Engineering.

### Scoring system:

**Senior Certificate (SC) addition, an applicant must obtain a minimum score of 35 points** using the Table 1 below to be conditionally accepted into the programme. The scores for each SC subject result obtained are added together, with the Mathematics and Physical Science scores multiplied by a factor of 2.

**National Senior Certificate (NSC) - In addition, an applicant must obtain a minimum score of 28 points** when using the scoring system listed in Table 1 to be conditionally accepted into the programme. The scores for each NSC subject result obtained are added together, with the Mathematics and Physical Science scores multiplied by a factor of 2.

Symbol	A	B	C	D	E	F
Senior Certificate Higher Grade	8	7	6	5	4	3
Senior Certificate Standard Grade	6	5	4	3	2	1
NSC Rating Code	7	6	5	4	3	2

Students who did not write Mathematics Paper 3 (Geometry Paper) will be required to attend an additional Mathematics 1 sub-module which will run concurrently with the normal Mathematics 1 course. The onus is on the students to prove that they wrote Mathematics paper 3 otherwise they will be required to attend the additional mathematics 1 sub-module. **OR**

### National Certificate (Vocational) Level 4

A minimum mark of 60% for English and Life Orientation. Mathematics and Physical Science at 70-79% and two other additional vocational subjects related to the field of chemical engineering at a minimum of 70-79%.

**NB: These minimum admission requirements are subject to more restrictive departmental admission requirements where applicable.**

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

**PLEASE NOTE:** Applicants will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%.

### First Year Curriculum

#### Semester 1

Engineering Mathematics 1A	R3 640.00
Engineering Chemistry 1A	R4 330.00
Cornerstone 101	R2 950.00
Engineering Physics 1A	R3 640.00
Chemical Engineering Fundamentals 1A	R3 640.00
Technical Literacy	<u>R2 510.00</u>
<b>Total</b>	<b><u>R19 670.00</u></b>

#### Semester 2

Engineering Mathematics 1B	R3 640.00
Engineering Physics 1B	R3 640.00
Engineering Chemistry 1B	R4 330.00
Chemical Engineering Fundamentals 1B	R3 640.00
Chemical Engineering Design 1	R3 640.00
Computer Applications 1A	<u>R3 640.00</u>
<b>Total</b>	<b><u>R21 410.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2218

**CAO Code:**

DU-D-ECH

# Diploma in Engineering Technology in Civil Engineering

## Location

Indumiso Site (Pietermaritzburg)

## Description of the Programme

Most Civil Engineering Technicians and Technologists are employed in industry in one of the two traditional areas, namely Building Industry or the Civil Engineering Industry, and may be involved in planning, designing or constructing. Within each of these areas, Technicians and Engineers may be employed either in Consulting offices, for a local authority or for a contractor.

The Construction industry as a whole, plans, designs, constructs and maintains what is sometimes referred to as the built environment. This is not only houses, schools and multi-storey structures, but also roads, airports, tunnels, dams, water supplies, sewerage works, service reticulation . . . the list is endless.

In the traditional building industry the buildings were designed by an architect and built by a contractor. However, an increasing number of today's buildings rely on accurate assessment of the structure by a Consulting Engineering team. The Technician and Technologist would be key personnel, who would have tended to specialise in Structural Engineering.

The majority of qualified Civil Engineering staff however are engaged in all the other items that make up the built environment in the Civil Engineering Industry.

A specialisation in Water Engineering could bring an involvement in the design of water supply schemes, dams or irrigation projects. Alternatively, specialisation could be in the field of tunnels, bridges, transportation, mining or one of the many other aspects of engineering.

The construction industry offers thousands of unique and challenging positions in South Africa and throughout the world, and the opening to these is through a qualification as an Engineer, Technologist or Technician.

The main difference between the Professional Engineer and the Professional Technologist is that a Technologist tends to become more specialised in a particular field of Engineering, whereas an Engineer has been educated on a broader spectrum of subjects.

Both the Professional Engineer and Professional Technologist may set up their own professional practice. The two years Diploma in Engineering Technology: Civil Engineering is run on a semester basis course.

The course has national recognition and the overall concept and studied are comply with the minimum standards as set by the Engineering Council of South Africa. At the Durban University of Technology the modules syllabus has been adopted after consultation with representatives of the profession and the construction industry. In this way, students can be assured of the relevance of the course to their future employment.

## Career opportunities

Most Civil Engineering Technicians and Technologists are employed in Industry, namely the Building industry or Civil Engineering industry and may be involved in planning, designing or constructing.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry</b> A minimum of 28 points will be considered	<b>NSC Rating Code</b>	<b>A Senior Certificate with a pass in English or equivalent qualification. Applicants with 35 or more points will be considered.</b>		
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>		Maths	E	C
English(1st additional)		Physical Science	E	C
Maths				
Physical Science				

**Note that the subject** Mathematics Literacy will not be accepted as a substitute for the subject Mathematics.

The Department reserves the right to consider only 1st - 2nd choice students for Civil Engineering.

## Scoring system:

**Senior Certificate (SC) addition, an applicant must obtain a minimum score of 35** using the scoring system listed in Table 1 below to be conditionally accepted into the programme. The scores for each SC subject result obtained are added together, with the Mathematics and Physical Science scores multiplied by a factor of 2.

## National Senior Certificate (NSC)

In addition, an applicant must obtain a minimum score of 28 points when using the scoring system listed in Table 1 to be conditionally accepted into the programme. The scores for each NSC subject result obtained are added together, with the Mathematics and Physical Science scores multiplied by a factor of 2.

Symbol	A	B	C	D	E	F
Senior Certificate Higher Grade	8	7	6	5	4	3
Senior Certificate Standard Grade	6	5	4	3	2	1
NSC Rating Code	7	6	5	4	3	2

OR

## National Technical Certificate

(N4) Certificate with passes at 50% in four (4) relevant subjects including Mathematics and Engineering Science or an equivalent SAQA NQF Level 4 qualification, as well as compliance with the English Language requirements as stated in the General Rules.

OR

## National Certificate (Vocational) Level 4

The following Fundamental subjects:

English, Life Orientation, Mathematics and Physical Science at 60%

And

And two other vocational subjects at 60% from list below

- ☐ Construction Planning
- ☐ Construction Supervision
- ☐ Materials, Carpentry and Roof Work
- ☐ Concrete Structures
- ☐ Masonry and Roads

**NB:** Students who do not automatically meet the entrance requirements for the Diploma in Engineering Technology in Civil Engineering, will be offered a place on the Engineering Access Programme which is an articulation route into the diploma programme – further details in this regard are available from the department on request.

These minimum admission requirements are subject to more restrictive departmental admission requirements where applicable.

**Note:** DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Computer Applications A	R2 470.00
Computer Applications B	TBA
Cornerstone:	R2 950.00
Drawing Applications:	R2 470.00
Drawing Equipment:	R1 600.00
Intro to Construction Materials:	R2 590.00
Law for Life:	R1 850.00
Mathematics A:	R3 000.00
Physics A:	R2 660.00

## 2019 Fees

## Semester 2

Civil Engineering Methods:	R3 160.00
Civil Mechanics A:	R3 160.00
Drawing (intro to CAD):	R3 050.00
Mathematics B:	R3 050.00
Physics B:	R3 050.00
Surveying for Civil Engineering:	R3 050.00
Technical Literacy:	R3 050.00
<b>Total</b>	<b><u>R21 570.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:**

**Indumiso:** (033) 845 8800

**CAO Codes: Indumiso:** DUIDNC

## Engineering Access Programme

### Location

Only at Indumiso Campus (Pietermaritzburg)

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS	
<b>NSC Diploma Entry</b>	<b>NSC Rating</b>	<b>A Senior Certificate with a pass in English or equivalent qualification.</b>	
<b>Compulsory Subjects</b>	<b>Code</b>	<b>Compulsory Subjects</b>	<b>SG</b>
English (home) <b>OR</b>	4	English	E
English (1st additional)	4	Maths	E
Maths	3	Physical Science	E
Physical Science	3		

### OR

Have obtained and N4 or equivalent Certificate with passes (>50%) in four approved subjects (two of which must be Mathematics and Physical Science) and have passed on of the official languages at least on First Language Standard Grade and the other official language at least Second Language Standard Grade.

The Department reserves the right to consider only 1st - 2nd choice students for Civil Engineering.

**Closing Date for Applications: 30 September 2019**

**Telephone:** (033) 845 8800

**CAO Codes:** DUIACR

## Bachelor of Engineering Technology in Civil Engineering

### Location

Steve Biko Campus (S8 Level 3)

### Description of the Programme

The purpose of the Bachelor of Engineering Technology in Civil Engineering (BEng Tech Civil) is for students to acquire knowledge, understanding, abilities and skills of civil engineering. This combined with a period of post qualification mentored work experience will enable them to become competent practicing civil engineering technologists, able to apply engineering judgement and work independently and responsibly, to provide students with the preparation required for careers in civil engineering, the ability to make a contribution to the economy and national development, the educational base required for registration with ECSA as a Professional Engineering Technologist in civil engineering and for entry to NQF level 8 programmes, eg. Honours.

To contribute to the critical mass of civil engineering technologist educated specifically for the world of work and research, and who also play a pivotal role in the infrastructure development of our country. The duration of this programme is 3 years full time study. The programme will prepare students for further post graduate studies and research.

## Career opportunities

Most Civil Engineering Technologists are employed in Civil engineering planning, designing, consulting or construction.

## Entry Requirements

School leaving or TVET applicants who wish to enrol for the programme must apply through the CAO system by no later than 30 September of the previous year. The number of students enrolled in the programme is determined by the University and departmental growth policies and a ranking system is used to determine the number of candidates as required.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating	A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects	Code	Compulsory Subjects	HG	SG
English (home) OR English (1st additional)	4	Maths	E	C
Maths	4	Physical Science	E	C
Physical Science	4			

## National Certificate (Vocational) Level 4

With 60% in English and Life Orientation. And 70% in Maths and Physical Science and two other vocational subjects.

### Please Note:

The Subject NSC Mathematical Literacy will not be accepted as a substitute for the subject NSC Mathematics.

The Exit certificate of the candidate must qualify the candidate for degree study at an institution of higher learning.

Applicants with a NSC will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%.

Prospective applicants may also present an NQF level 6 Diploma in Engineering for entry into the degree programme. A possibility of transfer of credits for cognitive previous studies would be considered dependent on the discipline and nature of the Diploma being presented.

**NOTE:** This departments only considers First and Second choice CAO applicants.

### PLEASE NOTE:

DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Cornerstone 101	R2 950.00
Civil Mechanics 1A	R3 420.00
Drawings 1A	R4 840.00
Engineering Maths 1A	R3 640.00
Engineering Physics 1A	R3 640.00
Law of Life	R1 850.00
<b>Total</b>	<b><u>R20 340.00</u></b>

### 2019 Fees

#### Semester 2

Civil Engineering Methods 1B	R3 640.00
Engineering Maths 1B	R3 640.00
Engineering Physics 1B	R3 640.00
Surveying for Civil Engineering 1B	R5 350.00
Structural Mechanics 1B	R3 640.00
Technical Literacy	R2 510.00
<b>Total</b>	<b><u>R22 420.00</u></b>

**Closing Date for Application: 30 September 2019**

Telephone: (031) 373 2224

CAO Code: DUBNC

## Bachelor of Engineering Technology in Electronic Engineering

### Location

Steve Biko Campus (S8 Level 3)

### Description of the Programme

The undergraduate programme in electronic engineering, which leads to the internationally accredited BEngTech degree, is designed to provide a broad foundation in electronic engineering through a combination of classroom lectures, online tools and extensive hands-on technical training and laboratory work and prepares the student for a career in the variety of electronic engineering fields as well as becoming a competent practicing engineering technologist or certificated engineer that will make a meaningful contribution to the economy and national development.

The programme will provide the student with a strong foundation in mathematics, physical sciences and the core fundamentals of engineering and blends theory, concept and application. Electronic engineering finds itself at the heart of the burgeoning Industry 4.0 and merges fields such as instrumentation, control systems, telecommunications, embedded and intelligent systems, data analytics and machine learning, automation and robotics, signal and image processing, smart factories and cities, green energy and the industrial IoT.

Some of the key attributes of the programme include the fostering of lifelong learnership, the need for continuous improvement, teamwork and the attainment of solid critical thinking and problem-solving skills. The BEngTech qualification will also allow for further study through articulation into the proposed postgraduate BEngTech Honours programme and, subsequently, a possible opportunity for Masters and Doctoral research.

Qualified candidates may register with the internationally affiliated Engineering Council of South Africa (ECSA) as Professional Engineering Technologists.

### Career Opportunities:

Qualified electronic engineering professionals are highly sought after by industry. Although the core specialisations in the BEngTech electronic engineering programme are inclined towards instrumentation, control systems and telecommunications, an electronic engineer may find opportunities in a wide range of industries including microelectronics, fixed and wireless communications, networking, automation and robotics, intelligent systems, automotive, rail, renewable and green energy, paper, sugar, water, defence, aerospace, marine, software and ICT, systems analysis and machine learning and AI.

### Entry Requirements

In addition to the general admission requirements as stated in the General Rules, the following minimum requirements (or their equivalent) shall apply:

School leaving or TVET applicants who wish to enrol for the programme must apply through the CAO system by no later than 30 September of the previous year. The number of students enrolled in the programme is determined by the University and departmental growth policies and a ranking system is used to determine the number of candidates as required.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL REQUIREMENTS	SENIOR	CERTIFICATE
NSC Degree Entry	NSC Rating Code	A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) OR English (1st additional)		Maths	E	C
Maths		Physical Science	E	C
Physical Science	4	English	E	C

## National Certificate (Vocational) Level 4

A minimum mark of 60% for English and Life Orientation. Mathematics and Physical Science at 70% and two other additional vocational.

## National Technical Certificate (N4)

Prospective applicants that qualify for degree study at an institution of higher learning (Bachelor's Pass) but do not meet the departmental mathematics and/or physical science requirements may present the following N4 subjects for consideration for entry into this programme: Mathematics and Engineering Science, plus any two of the following: Industrial Electronics (or Electronics), Digital Systems (or Logic Systems) or Electrotechnics. NB. All four subjects must be written and passed (minimum of 50%) in the same sitting. Students that achieve a minimum combined score of 120 (based on the sum of their marks) for N4 Mathematics and Engineering Science will then be ranked alongside the NSC students.

The Exit certificate of the candidate must qualify the candidate for degree study at an institution of higher learning. Applicants with a NSC will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%.

Prospective applicants may also present an NQF level 6 Diploma in Engineering for entry into the degree programme. A possibility of transfer of credits for cognitive previous studies would be considered dependent on the discipline and nature of the Diploma being presented.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

### 2019 Fees

#### Semester 1

Engineering Mathematics 1A	R3 640.00
Engineering physics 1A	R3 640.00
Electrical Principles 1	R3 650.00
Analogue Electronics 1A	R3 650.00
Digital Electronics 1A	R3 650.00
Computer and IT	R2 510.00
Cornerstone 101	<u>R2 950.00</u>
<b>Total</b>	<b><u>R26 640.00</u></b>

#### Semester 2

Engineering Mathematics 1B	R3 640.00
Engineering physics 1B	R3 640.00
Electrical Principles 2	R3 650.00
Analogue Electronics 1B	R3 650.00
Digital Electronics 1B	R3 650.00
Technical Literacy	<u>R2 510.00</u>
<b>Total</b>	<b><u>R20 740.00</u></b>

**Closing Date for Applications:** 30 September 2019

**Telephone:** (031) 373 2932

**CAO Code:** DU-D-BGL

## Bachelor of Engineering Technology in Power Engineering

### Location

Steve Biko Campus (S7 Level 3)

### Description of the Programme

This career is related to the generation and distribution of electricity for power, heat and light. The technician in this field is concerned with designing, developing, installing, and fault finding and testing of electrical motors, generators, alternators, transformers, transmission lines, cables and switchgear.

He can work as a consultant in his own right to design and manage electrical projects when he has registered as a Professional Technologist.

He may be called on to travel locally and internationally to where the actual work is taking place.

## Personal Qualities Required

The prospective technician must have an enquiring mind and enjoy problem-solving tasks. You must be able to think in a logical, deductive manner. You must have some organisational abilities and be able to communicate effectively with colleagues at various levels.

A qualified technician will be competent to apply technical knowledge, engineering principles and problem-solving techniques in the field of Electrical Engineering by operating within the relevant standards and codes in collaboration with other members of the engineering team.

A qualified person will be able to apply to register with the Engineering Council of South Africa (ECSA) as a Technician-in-Training in the field of Electrical Engineering.

## Career Opportunities

The Electrical Power Technician is mainly employed by organisations such as ESKOM, eThekweni Municipality, ISCOR, SIEMENS, ALUSAF, manufacturers of electrical appliances and contractors. Many registered technologists also work as self-employed consultants or are employed at consulting firms. Prospects are good and the work increasingly challenging in a time when electrical technology is developing rapidly. The Bachelor of Engineering Technology is the first step in a process of advancement to Professional Technologist.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating	A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects	Code	Entry Compulsory	HG	SG
English (home) <b>OR</b> English (1st additional)	4	Maths	E	C
Maths	4	Physical Science	E	C
Physical Science	4	English	E	C

## National Certificate (Vocational) Level 4

A minimum mark of 60% for English and Life Orientation. Mathematics and Physical Science at 70% and two other additional vocational.

The Exit certificate of the candidate must qualify the candidate for degree study at an institution of higher learning.

Applicants with a NSC will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%.

Prospective applicants may also present an NQF level 6 Diploma in Engineering for entry into the degree programme.

A possibility of transfer of credits for cognitive previous studies would be considered dependent on the discipline and nature of the Diploma being presented.

## National Technical Certificate (N4)

Applicants who qualify for admission into degree studies at institutions of higher learning but do not meet the Maths and/or Physics requirements, may present the following N4 subjects for consideration for entry to this degree programme -

Maths and Engineering Science plus any two of: Electrotechnics N4, Industrial Electronics N4, Logic Systems N4. The above are all to be passed in the same exam sitting with a minimum of 50%. Students will then be ranked alongside the NSC students, according to the sum of their scores for N4 Mathematics and Engineering Science.

## Foreign Qualifications

Foreign Qualification must be evaluated in accordance with the G7 (9) or failing that, by the SAQA at full senior certificate level or higher.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Computer & Information Technology  
Cornerstone 101  
Engineering Mathematics 1A  
Engineering Physics 1A  
Project 1  
Technical Literacy

### Total

### Semester 2

Analogue Electronics I  
Digital Electronics I  
Electrical Principles I  
Engineering Mathematics 1B  
Engineering Physics 1B  
Mechanics of Machines I

### Total

## 2019 Fees

R2 510.00  
R2 950.00  
R3 640.00  
R3 640.00  
R3 650.00  
R2 510.00  
**R18 900.00**

R3 650.00  
R3 650.00  
R3 650.00  
R3 640.00  
R3 640.00  
R3 650.00  
**R21 880.00**

**Closing Date for Applications:** 30 September 2019

**Telephone:** (031) 373 2062

**CAO Code:** DU-D-BGH

## Bachelor of Engineering Technology in Industrial Engineering

### Location

Steve Biko Campus (S4 Level 0)

### Description of the Programme

The purpose of the bachelor of Engineering Technology in Industrial Engineering (BEng Tech Industrial Engineering) is to equip the students with the necessary knowledge, understanding, skills and abilities in the field of industrial engineering. Graduates from this program would be able to register with the Engineering Council of South Africa as a candidate engineering technologist. The duration of this programme is 3 years full time study. The programme will also prepare students for further study at the post graduate levels.

### Why Industrial Engineering?

Industrial engineering is a discipline within the field of engineering that is focused on determining the most effective ways for an organization to use the basic factors of production namely people, machines, materials, information and energy to make or to process a product. Industrial Engineering, perhaps more than any other engineering discipline, is focused on the human and organizational aspects when developing or analysing a system.

### Who is an Industrial Engineering Technologist?

Industrial engineering technologists plan, design, implement and manage integrated systems that assure performance, reliability, maintainability and cost feasibility.

They are people who are able to draw upon the specialized knowledge and skills from various areas within the engineering, management, sciences and commerce domains in order to find optimal solutions to practical problems.

### Personal Qualities Required

The individual must be:

- self-motivated, structured and organized.
- a critical thinker with active listening skills and a good verbal communicator.
- able to function well within a team environment i.e. being a team member or being a team leader
- able to understand and solve complex problems.
- responsible and accountable.

## Career opportunities

Industrial engineering technologists are employed over a vast array of industries operating within various sectors of the economy. Examples of such include: the manufacturing sector, retail sector, banking sector etc.

Industrial engineering technologists add value to any organization that they join and as such are much sought after.

School leaving or TVET applicants who wish to enroll for the programme must apply through the CAO system by no later than 30 September of the previous year. The number of students enrolled in the programme is determined by the University and departmental growth policies and a ranking system is used to determine the number of candidates as required.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating Code	A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	Maths	E	C
English (1st additional)	4	Physical Science	E	C
Maths	4	English	E	C
Physical Science	4			

## National Certificate (Vocational) Level 4

A minimum mark of 60% for English and Life Orientation. Mathematics and Physical Science at 70% and two other additional vocational.

## National Technical Certificate (N4)

Prospective applicants that qualify for degree study at an institution of higher learning but do not meet these Maths and/or Phys Sci requirements may present the following N4 subjects for consideration for entry into this programme: Maths and Engineering Science plus two of Mechanotechnics, Engineering Drawing and Electrotechnics. A minimum of 50% must be achieved for these subjects in the same exam sittings. Students will then be ranked alongside the NSC students according to the sum off their marks for N4 Maths and Engineering Science subject to a minimum combined score of 120%.

The subject NSC Mathematical Literacy will not be accepted as a substitute for the subject NSC Mathematics.

The exit certificate of the candidate must qualify the candidate for degree study at an institution of higher learning.

Applicants with a NSC will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%

Prospective applicants may also present an NQF level 6 Diploma in Engineering for entry into the degree programme.

A possibility of transfer of credits for cognitive previous studies would be considered dependent on the discipline and nature of the Diploma being presented.

**NOTE:** This department only considers First and Second choice CAO applicants

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Engineering mathematics 1A

Engineering Physics 1A

Statistics 1

Industrial Drawing and CAD

Cornerstone 101

Technical Literacy

#### Total

#### Semester 2

Engineering mathematics 1B

Engineering Physics 1B

Financial Accounting for Engineers

Sociology

Computer and IT

Electrical Principles 1

#### Total

### 2019 Fees

R3 640.00

R3 640.00

R3 170.00

R4 950.00

R2 950.00

R2 510.00

**R20 860.00**

R3 640.00

R3 640.00

R2 510.00

R2 510.00

R2 510.00

R3 650.00

**R18 460.00**

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2445

**CAO Code:** DUDBIE

## **Bachelor of Engineering Technology in Mechanical Engineering**

### **Location**

Steve Biko Campus (S5 Level 3)

### **Description of the Programme**

#### **What Is Mechanical Engineering?**

- In almost every aspect of modern life, from the air-conditioned offices to the modern industrial plants, from the simplest components the aerospace industry, one sees the work of mechanical engineers who continue to develop and apply new knowledge and technology to improve the quality of life of mankind. Mechanical Engineering is one of the widest forms of all industrial based occupations, ranging across every stage of the manufacturing process and includes design, draughting, assembly, quality assurance, plant operation, maintenance and management.
- Today's mechanical engineer is heavily involved in the development and use of new materials and technologies, especially in computer aided engineering, robotics and advanced manufacturing systems. A rapidly growing field for mechanical engineers is environmental control, comprising the development of machines and processes that will produce fewer pollutants, as well as the development of new equipment and techniques to reduce or remove existing pollution

#### **Who Is The Mechanical Engineering Technician?**

A mechanical engineer is an individual, who is highly motivated, has good analytical and quantitative skills, wants to be in a challenging and rewarding career, and sees themselves as future leaders in industry.

Mechanical engineers will find themselves dealing with all aspects of production, manufacturing, management and development. They will be involved with artisans, tradesmen, technicians, production managers and many others who work in teams to keep industry turning. In the past engineers were purely the products of universities, who worked with their brains and computers but their role has widened and the scope changed.

Mechanical Engineers can be found at the highest rungs of the industrial ladder designing racing cars, running companies and conducting research programmes

#### **But Can He/she Also Specialise?**

Yes, and some of them do. In recognising this, we at the Durban University of Technology offer an appropriate mix of subjects, laboratory sessions and project work which will enable him/her to become, for example, a mechanical engineering designer or plant engineer. For the design specialisation, he/she will make use of a comprehensive draughting and computer-aided design facility. Specialisation is also the emphasis of further education programmes where the subject choices should enable him/her to hold his/her own in a very challenging engineering environment. Further studying can be undertaken to do a Masters and even a Doctorate if he/she wishes.

#### **Career opportunities**

##### **Where Does He/she Work?**

Graduates of this programme would be eligible to register with ECSA as a Professional Engineering Technologist. Owing to the ubiquitous nature, he/she is to be found in all manner of industries: those making steel and bricks; building oil rigs and dams; refining oil and sugar; offering services, such as those provided by Eskom, in the automotive industry such as Toyota, and the water boards and other government organisations. Opportunities also exist in the Maritime industry.

In each of these industrial sectors you will find him/her employed as production engineers, maintenance engineers and design engineers in developmental work. Mechanical engineers can also be found in the sales of hi-tech equipment

## Entry Requirements

The minimum entry requirement is the National Senior Certificate or the National Certificate (Vocational) with appropriate subject combinations and levels of achievement as defined in the Government Gazette, Vol 751, No 32131 of 11 July 2008, and in the Government Gazette, Vol. 533, No. 32743, November 2009. In addition, the minimum admission requirements, rule G7, is stipulated in the General Rules Handbook.

Further to the above, the following are required for admission into Mechanical Engineering:

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Degree Entry</b>	<b>NSC Rating Code</b>	A Senior Certificate with a pass in English or equivalent qualification.		
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>	4	Maths	E	C
English (1st additional)	4	Physical Science	E	C
Maths	4	English	E	C
Physical Science	4			

## National Certificate (Vocational) Level 4

A minimum mark of 60% for English and Life Orientation. Mathematics and Physical Science at 70% and two other additional vocational.

## National Technical Certificate (N4)

Prospective applicants that qualify for degree study at an institution of higher learning but do not meet these Maths and/or Phys Sci requirements may present the following N4 subjects for consideration for entry into this programme: Maths and Engineering Science plus two of Mechanotechnics, Engineering Drawing and Electrotechnics. A minimum of 50% must be achieved for these subjects in the same exam sittings. Students will then be ranked alongside the NSC students according to the sum off their marks for N4 Maths and Engineering Science subject to a minimum combined score of 120%

The subject NSC Mathematical Literacy will not be accepted as a substitute for the subject NSC Mathematics

The exit certificate of the candidate must qualify the candidate for degree study at an institution of higher learning

Applicants with a NSC will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%

Prospective applicants may also present an NQF level 6 Diploma in Engineering for entry into the degree programme. A possibility of transfer of credits for cognitive previous studies would be considered dependent on the discipline and nature of the Diploma being presented.

**NB:** These minimum admission requirements are subject to more restrictive departmental admission requirements where applicable.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Engineering Mathematics 1A

Engineering Physics 1A

Technical Literacy

Cornerstone 101

Design 1

Computing & IT

**Total**

### 2019 Fees

R3 640.00

R3 640.00

R2 380.00

R2 950.00

R4 950.00

R2 510.00

**R20 070.00**

#### Semester 2

Engineering Mathematics 1B

Thermofluids 1

Strength of Materials 1

Engineering Physics 1B

Electrical Principles 1

Mechanics of Machines 1

**Total**

R3 640.00

R3 650.00

R3 650.00

R3 640.00

R3 650.00

R3 650.00

**R21 880.00**

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 2115

**CAO Code:** DU-D-BGM

## Diploma in Pulp and Paper Technology

### Location

Steve Biko Campus (S4 Level 1)

### Description of the Programme

Pulp and Paper Technology is a specialist field of chemical engineering which involves the study of the processes required for the conversion of raw materials such as wood, into pulp and paper products.

Pulp and paper products are indispensable in our daily lives; products such as newspapers, toilet tissue, books, boxes, etc. are an essential component of modern civilization and it is impossible to imagine life without them.

A Pulp and Paper Technologist must have a wide variety of talents. He/she must understand how and why a given process works, in order to set up and operate equipment in the process. A Pulp and Paper Technologist is a creative problem solver, who applies scientific knowledge and technical expertise to ensure that the process runs in the most cost effective and efficient way, and with due regard to safety and the environment.

A person who wants to embark on a career in Pulp and Paper Technology must have a basic knowledge of chemistry and physics, and an aptitude for solving problems logically.

Diploma in Pulp and Paper Technology aims at producing a person who fully understands Pulp and Papermaking processes, and who is competent to work in any production process in a pulp or paper mill. Successful graduates would find employment as process controllers and supervisors; this would obviously depend on the capabilities and performance of the individual.

The Diploma is a three year programme consisting of 24 months of theoretical tuition and 12 months of appropriate industrial training.

### Career opportunities

Process controllers, supervisors, and pulp and paper technologists.

### Entry Requirements

Compulsory Subjects	NSC	SC		NCV level4
	Rating	HG	SG	
Mathematics	4	D	B	3 (Competent: <b>60-69%</b> )
Physical Science	4	D	B	3 (Competent: <b>60-69%</b> )
English	3	E	D	3 (Competent: <b>50-69%</b> )

**NB:** These minimum admission requirements are subject to more restrictive departmental admission requirements where applicable.

**Please Note:** This program might move to PMB during the course of their studies

**Also note that Curriculum and Fees are not yet finalised, please contact Department**

**Closing Date for Applications: 30 November 2019**

**Telephone:** (031) 373 2123

**CAO Code:** Dip.-DU-D-DPP

# Bachelor of the Built Environment in Geomatics

## Location

Steve Biko Campus (S6 Level 3)

## Description of the Programme

The purpose of the programme is for students to assimilate the necessary knowledge, understanding, abilities and skills in geomatics. This combined with a period of post qualification mentored work experience will enable them to become competent practicing engineering surveying technologists, able to apply geomatics judgment, work independently and responsibly. To provide students with the preparation required for careers in geomatics, the ability to make a contribution to the economy and national development, the educational base required for registration with the South African Geomatics Council (SAGC) as an engineering surveying technologist and entry to NQF level 8 programmes, i.e. honours and masters programmes. To contribute to the critical mass of engineering surveyors educated specifically for the world of work and research, and who also play a pivotal role in the infrastructure development of our country.

The duration of this programme is 3 years of full-time study.

The programmes will prepare students for further post graduate studies and research.

## Career opportunities

Employment opportunities within the private sector are: Land surveying firms, Engineering surveying firms, mining companies, hydrographic companies, surveying engineering consultants and contractors. Opportunities also exist in the public sector, with municipalities: quasi- government and Government departments such as: Eskom, Transnet, Department of Transport, Water Affairs, and Department of Rural Development and Land Affairs.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating Code	A Senior Certificate or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	Maths	E	C
English (1st additional)	4	Physical Science	E	C
Maths	4	English	E	C
Physical Science	4			

The Department reserves the right to consider only 1st - 4th choice students for Surveying.

## OR

## National Certificate (Vocational) Level 4

The following Fundamental subjects:

Maths and Physical Science at 70% and

English, Life Orientation and two vocational subjects at 60%

**Please note:** Applicants will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Cornerstone 101

Drawing 1

Engineering Mathematics 1A

Engineering Physics 1A

Geomatics 1A

Sociology of Work

**Total**

## 2019 Fees

R2 950.00

R4 850.00

R3 640.00

R3 640.00

R4 550.00

R2 510.00

**R22 140.00**

## Semester 2

Engineering Mathematics IB  
Engineering Physics IB  
Environmental Science I  
Geomatics IB  
Survey Drawing I  
Technical Literacy

R3 640.00  
R3 610.00  
R3 650.00  
R4 550.00  
R5 140.00  
R2 510.00  
**R23 130.00**

## Total

**Closing Date for Applications: 30 September 2019**

**Telephone: (031) 373 2224**

**CAO Code:** N. Dip. – DUDBBE

# Bachelor of the Built Environment in Urban and Regional Planning

## Location

Steve Biko Campus (S3 Level 4)

## Description of the Programme

The Department of Town and Regional Planning recognises the need to effectively respond to the socio-economic transformation challenges facing South Africa. The Department is committed to the principle of autonomy; academic freedom and rejects any form of racism, sexism and/or sectarianism. We are committed to developing a planning profession that is relevant and appropriate to the needs of the community, government, planning institutions and the private sector.

The work of a Town and Regional Planning Technician is of a diverse nature and embraces inter alia: surveying tasks, planning surveys, the analysis and presentation of data by means of maps, graphs, diagrams and sketches, assistance in the preparation of town planning schemes and the construction of scale models for proposed schemes, and the use of technologies such as Computer Aided Draughting (CAD) and Geographic Information Systems (GIS).

There is also an increasing demand for planners to develop and use community participation models and methods in their everyday work. He or she is employed by private sector, planning firms, local provincial authorities and the civil service, and service organisations.

## Career opportunities

Both planning technicians and professional planners work in government departments at municipal, provincial and national levels. In the private sector, there are career opportunities in planning firms and a range of other sectors such as community organisations and property development.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating Code	A Senior Certificate or equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	English (1st language) <b>OR</b>	D	C
English (1st additional)	5	English (2nd language)	B	C-
Maths	4	Mathematics	E	D
One of the following is required:	NSC Rating Code	One of the following is required:	HG	SG
Geography	4	Geography	D	C
History	4	History	D	C
Physics <b>OR</b>	4	Physics	D	C
Life Sciences	4	Biology	D	C
And one 20 credit subject	4			

### Additional Entry Requirements:

Mathematics (N4) at a score of 50% and above is treated as the equivalent of NSC mathematics with a rating of 4. Applicants are required to undergo a selection test.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

#### First Year Curriculum

##### Semester 1

Planning Design 1A

Site Surveying 1

Statistics for the Built Environment

Academic Literacy

Settlement History 1

**Total**

#### 2019 Fees

R4 010.00

R3 010.00

R3 010.00

R2 010.00

R3 010.00

**R15 050.00**

##### Semester 2

Planning Design 1B

Urban Planning Theory and Practice 1

Communication Literacy 1

Cornerstone 101

Sustainable Earth Studies

**Total**

R4 010.00

R4 010.00

R2 000.00

R2 950.00

R1 850.00

**R14 820.00**

\*Administration Fee (R3 150-00) to be added to the Tuition Fee and Engineering Equipment Levy EEQP101 is approximately R2 090-00

**Closing Date for Applications: 30 September 2019**

**Telephone: (031) 373 2673**

**CAO Code: N. Dip. - DUDBUR**

# FACULTY OF HEALTH SCIENCES

## Bachelor of Health Sciences in Medical Laboratory Science

### Location

ML Sultan Campus (Block B 2nd Floor)

### Description of the Programme

Medical laboratory Science is a profession of highly knowledgeable and skilled individuals who perform clinical laboratory tests on patient samples. The service offered by Medical laboratory Scientist is an important component of patient health care, as the results obtained from these laboratory tests are a vital tool in the diagnosis, treatment and prevention of disease.

Based on a variety of placement assessments, successful applicants for study towards a Bachelor of Health Sciences degree will be accepted into a four-year minimum study period. A partnership between the Medical Laboratory Science programme, the National Health Laboratory Service, the South African Blood Services, Lancet & Ampath private Laboratories and the KwaZulu-Natal Department of Health will ensure that the students fully participate in focused clinical practice activities. The participation of students in real life learning environments will ensure the achievement of exit level competencies and outcomes. The Clinical Laboratory Practice I in Year 3 and Clinical Laboratory Practice II in the final year will provide an opportunity to expose the student to new and novel environments in addition to providing an opportunity for the student to identify an area for in-depth practice. This will also allow for the development and attainment of the necessary graduate attributes, all of which form part of the institutions vision.

A student in Medical Laboratory Science must attend formal lectures and practical sessions at the Durban University of Technology in all modules for a period of their studies. This includes a total of six (6) months in the 3<sup>rd</sup> year of study and 12 months in the 4<sup>th</sup> year of study where they will have placed in training laboratories.

### Registration with Professional Board

On enrolment, it is mandatory that each student registers with the Health Professionals Council of South Africa (HPCSA) as a student Medical Laboratory Scientist

as per regulations set out in the Government Gazette (Circular E2/a9/2, 79, 09, 28). Successful completion of this qualification will entitle the student to register with the Health Professions Council of South Africa (HPCSA) as a Medical Laboratory Scientist who can practice independently.

### Career opportunities

The qualifying learner will be able to organise and perform laboratory operations in clinical diagnostic laboratories and related fields in compliance with statutory requirements for ethics, safety and quality assurance. Supervisory, management and research skills are developed. The Medical Laboratory Science degree that will be offered at DUT will at the onset, offer the following specialization options: Clinical Pathology, Haematology 3, Medical Microbiology 3, Clinical Chemistry 3, Immunohaematology 2 and Histopathology 2. Other specialization modules viz. Cytogenetics, Forensic Medicine and Virology will be added on later as per industry demand. Graduates that qualify with the MLS degree may work in government pathology laboratories, private and research health care laboratories. To practice independently as a Medical Laboratory Scientist, two (2) years post-registration experience is required. Non-HPCSA registered Medical Laboratory Scientist may work in non-diagnostic laboratories

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating Code	A Senior Certificate or equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b> English (1st additional)	4	English (1 <sup>st</sup> language) <b>OR</b> English (2 <sup>nd</sup> language)	D	B
Maths	4	Maths	D	B
Physical Science	4	Physical Science	D	B
Life Sciences	4	Biology	D	B
And two 20 Credit subjects (of which only one may be a language)	3			

### NCV 4

With English, Mathematics, Physical Sciences, Life Sciences/Biology and four other subjects at 70%.

### Additional Entry Requirements:

Applicants are required to have industrial knowledge will have to undergo an interview as well as placement testing.

**TUITION FEES:** DUT cannot be held liable for fees in the brochure as the 2020 fees have not yet been finalised

**"NB:** For semester programmes there will be a single registration for semester 1 and semester 2 at the beginning of each academic year. "

### First Year Curriculum

#### Semester 1

Physics Module 1

Chemistry

Anatomy and physiology IA

Fundamentals of Medical Lab Science

Cornerstone 101

Personal and Professional Development I

#### Total

### 2019 Fees

R2510

R4350

R2180

R2640

R2950

R1970

**R16 600**

#### Semester 2

Cell Biology

R3270

Immunology

R2850

Anatomy and physiology IB

R2180

Physics Module 2

R2510

Statistics

R1920

Values in the workplace OR

R1970

Cultural diversity

R1850

**R16 550**

**Closing Date for Applications: 29 August 2019**

**Telephone:** (031) 373 5411

**CAO Code:** DUDBL5

# Bachelor of Child & Youth Care

## Location

Ritson Campus (Mansfield School: 1st Floor)

## Description of the Programme

*“Child and youth care work is work with children and youth as whole persons, in order to promote their social competence and healthy development, by participating in and using their day-to-day environments and life experiences and through the development of therapeutic relationships, most importantly with the particular child or youth who is the focus of attention”.*

- Anglin, J. 1995. Child and Youth Care: A Unique Profession.  
The Child Care Worker, 13(2):10-11. Feb.

The four-year professional Bachelor of Child and Youth Care degree aims to provide students with skills, knowledge and experience of working in a variety of child and youth care settings. The major focus is the development and healing of the child within family, community and other settings. The study, practice and application of knowledge are strengthened through practical training and community projects. These involve the student in the child and youth care worker's duties related to holistic care, behaviour management, and developmental assessment and programming to optimize the health and well-being of young people and families. The child and youth care worker does not undertake therapy in the traditional sense; rather, she/he has the job of purposefully creating and using a developmental and therapeutic milieu, building a therapeutic relationship with the child, and promoting healing and development through the conscious use of events as they occur in the life-space.

The child and youth care worker is not a psychologist, social worker or a teacher, but should be able to work with these professionals on an equal footing within the multidisciplinary team.

## Who Should Apply?

Child and youth care work requires practical people with academic ability, a strong concern for children and youth, and commitment to the development of human beings and society. The emphasis on use of self as a therapeutic tool requires students who are willing to face personal challenges for their own development. The major focus is on children and youth who are marginalised, or at risk of becoming marginalised. Students require enthusiasm, initiative, creativity, and the ability to be reflective and responsible. Students are expected to engage in a rigorous process of self-development and to commit themselves to ethical standards.

We reserve the right to select applicants. Final selection and placement will be dependent on completing tests and interviews. Applicants are notified of the outcome of the selection process during December.

Selected applicants will be placed in the four-year professional degree programme.

The programme includes care and development and therapeutic work across the life-span with a particular focus on children/youth from birth to 18/21 years of age. The Bachelor of Child and Youth Care is offered on a full-time basis in Durban.

## Career opportunities

At present, the areas in which learners and graduates work include the following: Residential child and youth care/treatment centres (e.g. children's homes, substance abuse programmes)

- State facilities (e.g. places of safety, secure care; special schools)
- Probation programmes
- Street shelters and outreach programmes
- Educare centres
- Community development projects
- Assistant Probation officers in law courts
- Day-care and play-care centres
- Hospitals caring for abandoned children
- Mediators and facilitators in “at risk” communities
- Hostels at residential/educational facilities
- Diversion programmes
- Wilderness training and adventure programmes
- Schools and after-school care programmes
- Youth development programmes
- Intermediaries in court settings

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENT		
NSC Degree Entry	NSC Rating Code	A Senior Certificate or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	English (1 <sup>st</sup> language)	D	B
English (1st additional)	4	English (2 <sup>nd</sup> language)	B	A
And three 20 credit subjects) (not more than one language) from the designated lists of subjects)	4			

## Additional Entry Requirements:

Students are required to present themselves for an interview and an entrance assessment. The applicant will be required to provide proof of having undertaken a minimum of 20 hours of voluntary work or employment with children, youth, families or communities, example: reference letter, certificate of participation, etc.

## Tuition Fees

To assist you with your planning, the 2019 fees have been indicated. An increase for next year to accommodate the inflation rate can be expected.

**PLEASE NOTE:** DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

**NB:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year. "

### First Year Curriculum

#### Semester 1

Child and Youth Care Work IA  
Human Development IA  
Personal and Professional Development I  
Communication for Child & Youth Care Workers  
Cornerstone

#### Total

### 2019 Fees

R3940  
R3940  
R2950  
R3940  
R2950  
**R17720**

#### Semester 2

Child and Youth Care Work IB  
Human Development IB  
Behaviour Management I  
Child and Youth Care Work Practice I

#### Total

R3940  
R3940  
R3690  
R4430  
**R16000**

**Closing Date for Applications: 30 August 2019**

**Telephone: (031) 373 2696**

**CAO Code: DU-D-CYC**

## Masters of Technology in Chiropractic

(5 years of study plus 1 year of internship)

### Location

Mansfield School, Ritson Campus

### Description of the Programme

Manipulation of the spine can be traced to the earliest practitioners in the history of healing. Hippocrates (400 BC), the "father of medicine", developed theories of the spine's mechanics and its relation to the overall health of the body by making use of manipulations, as did many famous physicians after him.

Through the intervening centuries, the theory that the spine was in some way central to good health was probably more consistently held than any other medical theory. However, it was with the founding in 1895 of chiropractic by David Daniel Palmer that the specific form of spinal manipulation known as "spinal adjustment" came into being. Palmer also recognised the importance of nutrition, a healthy mental attitude

and an absence of environmental toxins in the development of good health - factors still emphasised in chiropractic today.

Research findings by the Human Sciences Research Council indicate that “in the light of recent legislative measures with regard to alternative medical professions, it may be concluded that the professions of Chiropractic and Homoeopathy are poised to establish themselves as worthy alternative medical services in South Africa.” The Allied Health Professions Council of South Africa, a statutory body with whom all chiropractors must register, was formed in 1982. DUT, in association with this Council, submitted a programme in chiropractic education which was approved by the Minister of National Education and subsequently DUT has offered this programme since 1989.

The chiropractic practitioner is concerned with the treatment and prevention of disorders involving the neuro-muscular-skeletal system. As a professional, the chiropractor is trained to diagnose disorders, to care for the human frame in health and disease and consult with, or refer to, other health-care providers as necessary. Therapy consists of specific manual treatment in the form of spinal adjustment, other manipulations, nutritional advice, exercise programmes, stress management, electrotherapy, massage, acupuncture and traction.

The academic programme extends over five years of full-time study, of which the first three will provide the future chiropractic doctor with a thorough grounding in traditional medical subjects with special emphasis on diagnostic skills. Attendance of lectures and tutorials with corresponding laboratory and clinical work will form the basic pattern. During the following two years' emphasis will be placed on preparing the student to consider the patient as a whole with particular attention to neuromuscular-skeletal disorders. The final year includes treating patients in our clinic. Completion of the five year programme is followed by a year of internship. The internship programme falls under the auspices of the Allied Health Professionals Council of South Africa and statutory requirements that need to be completed before a qualified student can practice as a chiropractor. Students are taught to diagnose diseases in the same way as do medical doctors, and are trained in the taking and interpretation of X-ray films, CT scans, and MRI's and bone scans.

After an extensive screening process, a number of selected candidates will be invited to interviews towards the end of the year. Successful candidates will be notified shortly thereafter and will be required to pay a deposit of R 1000 within a month of such notification to secure a place. Failure to pay the deposit on time will result in forfeiture of the candidate's place.

## Career opportunities

Most of the newly qualified chiropractor go into private practice on their own or into partnership with existing practitioners.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating Code	A Senior Certificate or equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	English (1 <sup>st</sup> language) <b>OR</b> English (2 <sup>nd</sup> additional)	D	B
English (1 <sup>st</sup> additional)	4	Mathematics	D	B
Life Orientation	4	Physical Science <b>AND/OR</b>	D	B
Mathematics	4	Biology No more than two languages at a Senior Certificate'	D	B
Life Sciences <b>AND/OR</b> Physical Science	4			
And two 20 credit subject (Not more than on language)	4			

## Additional Entry Requirements:

Applicants must be over 17 years of age and physically fit. After an extensive screening process, a number of selected candidates will be invited to interviews.

**Please note:** First preference will be given to applicants with both Physical Science and Life Sciences or Biology.

### First Year Curriculum

Anatomy I  
Biology I  
Physiology I  
Chemistry I  
Physics I  
Philosophy, History and Principles I  
**Total**

### 2019 Fees

R5480  
R3770  
R3340  
R2760  
R3250  
R4120  
**R22 720**

**Closing Date for Applications: 15 August 2019**

**Telephone:** (031) 373 2094/2611

**CAO Code:** M. Tech. DUD- CG5

## Bachelor of Health Sciences in Clinical Technology

### Location

(B Block 2nd Floor) ML Sultan Campus

### Purpose of the programme

The purpose of this qualification is to develop a learner to possess the necessary knowledge, skills, attitudes and values to practice as a Clinical Technologist, as a part of a multi-disciplinary team, in one of the following specialist categories: Cardiology, Cardiovascular Perfusion, Critical Care, Nephrology, Neurology, Pulmonology or Reproductive Biology. The qualifying learner will be able to independently perform diagnostic, therapeutic and corrective procedures on patients using specialized health technology and techniques for the treatment of patho-physiological conditions in a hospital-based or in a private practice setting.

This qualification will enable the learner to engage in research and contribute to the creation of new knowledge within the field. Lastly the qualification is designed to provide learners with specific clinical technology skills and competencies that are included in management and research.

### Learning and Teaching strategies

Our teaching, learning and assessment philosophies will be grounded in the following learning theories: cognitivist, constructivist, situated learning, and constructive-development. Strategies for learning and teaching will include, but not be limited to, theory lectures, group work and discussions, oral presentations, practical demonstrations and simulations, self and active learning, assignments, case studies, portfolios and tutorials, in order to ensure that there is constructive alignment with the teaching, learning and assessment constructs, to meet the Exit Level Outcomes (ELO).

In order to achieve the ELO as described above, the programme will be delivered full-time at DUT, with exposure to the clinical environment from first year to fourth year.

### Registration with the Professional Board for Radiography and Clinical Technology

Upon registration with Durban University of Technology for the programme: Bachelor of Health Sciences in Clinical Technology, it is mandatory that a student register as a Student Clinical Technologist with the Health Professions Council of South Africa as determined in the regulations set out in the Government Gazette (No. R1608 dated 24 July 1987).

### Career opportunities

A Clinical Technologist can be employed in provincial and private hospitals in either Critical Care units, Lung Function units, Renal/Dialysis units, EEG and Sleep Laboratories, Cardio- thoracic surgery, Cardiac Catheterisation Laboratory & Cardiac Clinic or Assisted Reproductive Biology Laboratories.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS			
NSC Degree Entry	NSC Rating Code	A Senior Certificate or equivalent qualification			
Compulsory subjects		Compulsory subjects	HG	SG	NC(V)
English (Home language) <b>OR</b>	4	English (1 <sup>st</sup> language) <b>OR</b>	D	B	70%
English (1 <sup>st</sup> additional language)	4	English (2 <sup>nd</sup> language)	D	B	70%
Mathematics	4	Mathematics	D	B	70%
Life Sciences	4	Biology	D	B	70%
Physical Sciences	4	Physical Sciences	D	B	70%
And two other 20 credit subjects (not more than one language)	3				

## Additional Entry Requirements:

Applicants are required to have industrial knowledge and will have to undergo interviews. Students are admitted on the basis of academic merit which is assessed by converting Matriculation Certificate/NSC symbols into a point score. Applicants below that point score are not normally selected. This total may change from year to year, depending on the number and quality of application or changes in educational system of the country. Students satisfying the requirements may be required to appear before a Selection Committee and/or sit for an Aptitude Test.

## Tuition Fees

To assist you with your planning, the 2019 fees have been indicated. An increase for next year to accommodate the inflation rate can be expected.

**PLEASE NOTE:** DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

**NB:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year

### First Year Curriculum

#### Semester 1

Anatomy  
Chemistry  
Introduction to Clinical Technology  
Issues of Gender & Society in Health Care (E)  
Physiology  
Personal & Professional Development I

### 2019 Fees

R5460  
R4350  
R1850  
R4430  
R3420  
TBC

#### Semester 2

Introduction to Technopreneurship  
Instrumentation and Techniques for Clinical Technology I  
Cornerstone 101  
Pathophysiology I  
Physics 101  
Physics 201  
Violence and Non-violence

R1710  
  
R3420  
R2950  
R2280  
R2510  
R2510  
R1850

#### Total

**R17230**

**Closing Date for Applications:** 28 July 2019

**Telephone:** (031) 373 5411

**CAO Code:** DU-D-DCT

# Higher Certificate in Dental Assisting

## Location

ML Sultan Campus (Block A)

## Description of the Programme

Dental assistants require a variety of diverse skills ranging from secretarial to clinical skills. They are involved in everything from reception duties to data capturing, dealing with patients and medical aid schemes, however their primary task is assisting the dentist with dental procedure be it surgical, impression taking for dentures, orthodontics, fillings or extractions. One of the most important functions of a Dental Assistant is infection control, ensuring the proper sterilization of instruments and ultimately making sure that all the necessary precautions have been taken to ensure patient, dental assistant and dentist are protected. Students will register for a one year full-time National Certificate in Dental Assisting. They will also be registered with the Health Professions Council of South Africa (HPCSA) as student dental assistants.

## Personal Qualities Required

- Good people skills
- Well organized and an eye for detail
- An ability to concentrate and keep pace with very precise work
- Willingness to work under instruction
- Punctuality
- Ability to work under pressure

## Career Opportunities

Career opportunities exist in South Africa at present. Employment opportunities exist for dental assistants in private practice, in the public hospitals as well as in the medical division of the defence force, medical aid companies, sales representatives for dental supply companies and dental laboratories. Experienced dental assistants also readily find employment internationally.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Higher Certificate entry	NSC Rating Code	A Senior Certificate or equivalent qualification		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b> English (1st additional)	3	English	E	C
Maths <b>OR</b>	3	Maths	E	C
Maths Literacy	5	Biology <b>OR</b> Physical Science	E	C
Life Sciences <b>OR</b> Physical Science	3	Two other 20 credit subjects of which one can be a language	E	C
And two 20 Credits Subject (not more than one language)	3			

## NCV level 4

With English and Maths at 60%, Maths Literacy at 80%, Physical Science or Life Sciences and any two subjects at 60%.

## Additional Entry Requirements:

Meeting the minimum requirements does not guarantee admission. Applicants will be required to attend an interviews. Final selection of students will be made after the interviews have been completed.

## Tuition Fees

To assist you with your planning, the 2019 fees have been indicated. An increase for next year to accommodate the inflation rate can be expected.

**PLEASE NOTE:** DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

**NB:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Dental Assisting Practical 1a  
Dental Assisting Theory 1a  
Dental Practice Management I  
Oral Anatomy & Pathology 1a  
Pharmacology

#### Total

### 2019 Fees

R2040  
R2100  
R5790  
R2460  
R910  
**R13 300**

#### Semester 2

Dental Assisting Practical 1b  
Dental Assisting Theory 1b  
Oral Anatomy & Pathology 1b  
Dental Assisting Clinical Practice  
Cornerstone

#### TOTAL:

R2040  
R2100  
R2460  
R940  
R2950  
**R10 900**

**Closing Date for Applications: 30 September 2019**

**Telephone: (031) 373 5356/5287/5800**

**CAO Code: H Cert - DUDHDA**

# Bachelor of Health Sciences in Dental Technology

## Location

Gate no. 8, Ground Floor, Ritson Campus

## Description of the Programme

The work entails the manufacture of removable and fixed prosthodontic, orthodontic and maxillofacial prostheses. The manual skills and performance expected from a dental technician is high due to the detailed work that is involved. A high level of responsibility and accuracy is also required from a dental technician as the dental appliance/prosthesis he/she produces affects the health and appearance of a person. As a result, a dental technician must have good mechanical insight and be skilful in using his or her hands.

The Durban University of Technology offers a high level of teaching to train students for the rigorous demands of a specialised field. Students will register for a four-year Bachelor of Health Sciences (BHSc) s Degree in Dental Technology. After obtaining a BHSc qualification in Dental Technology, the graduate is registered with the South African Dental Technician's Council in order to work as a dental technician employee.

This is what some Dental Technicians have to say about their profession:

- "It's nice to think you can help people smile again with confidence."
- "I like using my hands creatively."
- "I feel I have the necessary eye for detail and care about quality."
- "I enjoy skilled work that demands precision and a considerable amount of artistic ability."
- "I like diversity and enjoy creating things I can be proud of."

## Personal Qualities Required

- An ability to concentrate on fine, intricate work.
- Good eyesight and manual dexterity.
- Artistic and good modelling skills along with a good eye for colour and form.
- An interest in science as you will be involved in various scientific processes.
- To work willingly under instruction

## Career Opportunities

Career opportunities exist in South Africa at present. A Dental Technician can be employed by a commercial dental laboratory, state health services or a dentist. You may also open and own a laboratory. In addition, the Bachelor's Degree in Dental Technology is recognised and accepted internationally.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Degree Entry	NSC Rating Code	A Senior Certificate With Matric Exemption		
Compulsory Subjects		Compulsory Subjects	HG	SG
English	4	English	D	B
Maths	4	Mathematics	D	B
Physical Science	4	Physical Science	D	B

OR

## NCV Level 4

With English, Mathematics, Physical Science and four other subjects at 70%

## Additional Entry Requirements:

Students must present themselves for the selection procedure involving Manual Dexterity tests and interviews.

Placement tests and interviews will also be held. Final selection of students will be made after the Placement tests have been completed. Prior to the assessment tests, all applicants are expected to visit a commercial dental laboratory. The earlier applications are received the better your chances of selection.

Applicants are required to submit a portfolio. The applicant must contact the department for further information regarding the portfolio. Applicants will be invited to complete placement tests and attend an interview and manual dexterity tests.

## Extended First Year Programme

A one year extended first year programme is offered for those students who, after completing their Placement test, show the necessary manual dexterity but not the required academic level. A student registering for the extended first year will gain academic and practical skills and will also be able to gain credits for their first year of study by completing the following subjects:

Introduction to Principles and Practices of Dental Technology, Dental Computer Literacy Dental Drawings and Carvings  
Introduction to Oral Anatomy Introduction to Tooth Morphology.

**PLEASE NOTE:** Fees are not yet finalised, please contact Department

**PLEASE NOTE:** DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

NB: For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

Principles and Practices of Dental Technology I

Dental Materials Science I

Introduction to Oral Anatomy

Introduction to Tooth Morphology

Physics

Chemistry

Dental Skills Development

Cornerstone 101

Faculty General Education

**Closing Date for Applications:** 20 September 2019

Telephone: (031) 373 2044

**CAO Code:** DU-D-DTE

## Bachelor of Health Sciences in Emergency Medical Care

### Location

Ritson Campus (Block A)

### Description of the Programme

Paramedics are health care professionals who are registered with the Professional Board of Emergency Care Practitioners of the Health Professions Council of South Africa. Paramedics are responsible for providing pre-hospital advanced life support and rescue services to critically ill or injured patients. This involves gaining access to the patient in a wide range of environments, providing emergency care in the field and transporting them to an appropriate medical facility. Paramedics also care for patients undergoing transfer between medical facilities.

The programme consists of both theoretical and practical components. The programme does not adhere strictly to normal academic semesters, beginning in early January and continuing outside the normal institution's terms. During term time, learners typically spend three days of the week undertaking theoretical and local private emergency medical service providers. Some of this work integrated learning will include night shifts. The learners also gain clinical experience through working in hospitals and clinics in specialized units such as intensive and coronary care, maternity and casualty.

The programme for the Bachelor of Health Sciences in Emergency Medical Care is available to learners only and extends over four years. Learners must pass the required pre-requisite assessments before being allowed to enter subjects scheduled for the ensuing academic year.

### Career opportunities

Employment opportunities exist in private and public emergency medical services, fire departments, the military and a range of support industries.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Degree Entry</b>	<b>NSC Rating Code</b>	A Matric Exemption or equivalent qualification. Applicant with 30 or more points will be considered		
A National Senior Certificate with a Bachelor. Degree Endorsement. Applicants with 30 or more points will be considered				
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b> English (1st additional)	4	English	D	B
Maths	4	Maths	D	B
Physical Science <b>AND/OR</b> Life Sciences	4	Physical Science <b>AND/OR</b> Biology	D	B

**PLEASE NOTE:** First preference will be given to applicants with both Physical Sciences and Life Science or Biology

**(NOTE: THE LIFE ORIENTATION MARK DOES NOT COUNT)**

### Additional Entry Requirements:

Students are required to pass the following departmental evaluations: Medical, Physical and Environmental Fitness evaluations. It is essential that accepted students obtain their driver's license by the end of the first year

- Medical Fitness Evaluation.
- Physical Fitness Evaluation.
- Environmental Fitness Evaluation.

It is essential that accepted students obtain their driver's license by the end of the first year. Minimum of 30 points Details of the above assessments are available from the Department. Please note that a high standard of fitness is absolutely essential. The following will also be considered in the selection process:

Volunteer duties are also highly recommended. It is essential that students accepted into the programme obtain their Driver's License by the end of the first year.

### Minimum of 30 points

Details of the above assessments are available from the department. Please note that a high standard of fitness is absolutely essential. The following will also be considered in the selection process:

Volunteer duties are also highly recommended. It is essential that students accepted into the programme obtain their Driver's License by the end of the first year.

### First Year Curriculum

Physiology and Anatomy I  
Emergency Medical Care Theory I  
Emergency Medical Care Practical I  
Clinical Practice I  
Physics  
Chemistry  
Cornerstone  
Physical preparedness I  
Foundations of Professional Practice I

### 2019 Fess

R2560  
R5110  
R5110  
R5110  
R2510  
R4350  
R2950  
TBC  
R1710

**Closing Date for Applications: 31 August 2019**

**Telephone: (031) 373 5203**

**CAO Code: DUDHS4**

# Bachelor of Health Sciences in Environmental Health

## Location

Ritson Campus (Block H: First Floor)

## Description of the Programme

Environmental Health Practitioners (EHPs) are health professionals who derive their expertise from a comprehensive knowledge of the physical, biological and social sciences. These sciences allow them to perform as efficient practitioners in the field of Environmental Health. He or she will be a valuable member of the community who will have the skills required to advise people and to investigate, evaluate and control the many facets that affect the environment in which we live.

As a result, a career as an EHP is dynamic and incorporates many different fields of interest. EHPs are concerned with the external environment and will deal with topics such as air, land, water and noise pollution. This will require full investigation and the implementation of intervention measures to control the sources of pollution and evaluate how they affect people and the environment. Investigations may extend into the field of urban and regional planning studies, with research into environmental hazards, in order to determine the many potential dangers, we are faced with in the world today. By doing such studies, the EHP ensures that communities are generally safe and healthy places to live in. However, the EHP's field of expertise is also required in the internal environment where people are exposed to many hazards.

EHPs are extensively involved in all aspects concerning health in the work place or occupational health which requires the investigation, evaluation and monitoring of industries with regard to all physical and chemical stresses within the working environment. This may involve asbestos, dusts, heat/cold, stress, noise, chemical hazards, and safety measures and may even extend to high and low pressures such as experienced by drivers and pilots. The EHP may be exposed to urban and rural communities. In many cases, the EHP will be required to work independently and make decisions on their own. An EHP may be involved with communities in order to uplift their standards of health by introducing health education and community projects. The work involves the control and prevention of infectious diseases such as cholera, typhoid, rabies, malaria and others.

Another sector where an EHP may become involved is in Port Health, a division of the Department of Health. The Port Health Officer controls the importation of all food stuffs into the country. Added to this, they ensure that no infected person or vector of a disease is allowed to enter the country by land or sea. This entails placing ships or aircraft under quarantine. Communities, both urban and rural, are exposed to a wide range of environmental issues and problems such as the provision of safe food and water and the proper disposal of wastes from all sources.

EHPs are required to ensure that such services are provided in a manner that is acceptable to the people and in terms of various by laws and Government regulations. The EHP acts as a representative of the public in order to ensure that adequate standards are maintained in all sectors. The EHP may be required to carry out risk assessment and risk management programmes in the field of food, environmental and occupational health in order to determine the many risks we are exposed to.

## Career Opportunities

Popular employers are private companies, municipal health departments, state health, parastatals and provincial and national government departments. Others include large food manufacturers, industries, mines and some hotel groups and environmental consultancies.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS	
NSC Degree Entry	NSC Rating	A Senior Certificate or equivalent qualification with passes in at least two of the following subjects.	
Compulsory Subjects	Code	Compulsory Subjects	
English (home) OR		English	D B
English (1st additional)	4	Mathematics	D B
Maths	4	Biology	D B
Life Sciences	4	Physical Science	D B
Physical Science	4		
And two 20 credit subjects (not more than one language)	4		

**Additional Entry Requirements:** Students are required to present themselves for an interview and will also be required to write an assessment test.

## First Year Curriculum

### Semester 1

Chemistry I	R4140
Anatomy & Physiology IA	R2180
Fundamental Environmental Health	R4140
Physics I Module I	TBC
Mathematics	R2180
Personal & Professional Development I	R1970

### Semester 2

Anatomy & Physiology IB	R3800
Physics I Module 2	TBC
Biochemistry I	R2180
Microbiology I	R4140
Communication	R2080
Computer Literacy	R2080
Cornerstone I01	R2950

**Closing Date for Applications:** 30 August 2019

**Telephone:** (031) 373 2696

**CAO Code:** DUDEVH

## Bachelor of Health Sciences in Homoeopathy

(3 years of study plus 1 year of internship)

### Location

Ritson Campus (Block L 1st Floor)

*“A wise man ought to realize that health is his most valuable possession.”*

- Hippocrates 460 B.C.

### Description of the Programme

Homoeopathy is a legally recognised profession and is becoming an increasingly important part of the South African healthcare provision. It is a medical approach that respects the wisdom of the body, with the emphasis on holistic healthcare. Homeopath uses medicines that stimulate the body's own immune- and defence systems to initiate the healing process. It is an approach that is widely recognised to be safe, and it is an approach that can be potentially very effective in preventing and treating various acute and chronic disease. As a primary-contact practitioner, a homoeopath manages all aspects of patient healthcare, diagnosis, treatment and management, including referral and communication with other healthcare professions and institutions. The academic programme is designed to extend over five years which will provide the future homeopathic practitioner with a thorough grounding in traditional medical subjects with special emphasis on diagnostic skills. An extended curriculum that stretch over six years has been designed for students who are possibly at risk of not succeeding in the mainstream programme. The selection panel in the department will base their decision for placement in this programme on matric marks, interview scores and placement test in Mathematics and English.

Attendance at lectures and tutorials with corresponding laboratory and clinical work will provide the basic foundation. In the final year of the

In the final year of the BHSc: Homoeopathy as well as during the MHSc: Homoeopathy, emphasis is placed on the practical application of homoeopathic, herbal and naturopathic principles, including aspects such as preventative medicine, community health care, and nutrition. The student will be guided to consider the patient as a whole and relate all peculiarities, reactions and modalities to the homoeopathic method of treatment. The academic offering at the Durban University of Technology is arguably the most extensive homoeopathic education.

### Career Opportunities

The comprehensive nature of training allows graduates to find employment in the private sector as private practitioners, in the industrial sector, or in the public sector within multi-disciplinary and hospital-related environments.

## Degree Structure

The Bachelor of Health Sciences: Homoeopathy will be awarded after successful completion. This will allow the candidate to exit and find employment in industry or the public sector, but in order for the candidate to be able to practice as a qualified Homoeopathic practitioner in private practice, registered with the Allied Health Professions Councils of South Africa (AHPCSA), the candidate will have to enrol into the Master of Health Sciences: Homoeopathy (1 year) which will be implemented in 2019 at DUT.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL REQUIREMENTS	SENIOR CERTIFICATE
NSC Degree Entry	NSC Rating Code	A Senior Certificate with Matriculation Exemption or equivalent qualification.	
Compulsory Subjects		Compulsory Subjects	HG
English (home) OR English (1st additional)	4	English	D
Maths	4	Maths	D
Life Sciences OR	4	Biology OR	D
Physical Science	4	Physical Science	D

**PLEASE NOTE:** First preference will be given to applicants with both Physical Science and Life Sciences or Biology

## Additional Entry Requirements:

Prospective candidates will be required to attend interviews and write entrance tests. Selection will take place at predetermined times at the Durban University of Technology. Students will be required to submit an assignment prior to interview and entrance testing.

## Tuition Fees

### First Year Curriculum

Topographic and Radiographic Anatomy I  
 Physiology I  
 Biological Principal  
 Chemistry I  
 Cornerstone I  
 Physics I  
 Module 1 & 2  
 Personal and Professional Development I  
 Materia Medica I  
 Histology  
 Gross Anatomy

### 2019 Fees

TBC  
 R5900  
 R3940  
 R2950  
 R2950  
 R5900  
 R1 970  
 R2 950  
 R2 950  
 R4920

**Closing Date for Applications: 30 August 2019**

**Telephone:** (031) 373 2514

**CAO Code:** DUDHM4

## Bachelor of Health Sciences in Medical Orthotics and Prosthetics

### Location

Steve Biko Campus, Ritson Campus/ Wentworth Hospital

### What is an Orthotist/prosthetist?

Medical orthotists/prosthetists (MOPs) are concerned with the design, manufacturing and fitting of splints, braces, surgical appliances (orthotics) and artificial limbs (prosthetics).

MOPs are members of the rehabilitation team; helping those who require orthopaedic support.

## Description of the Programme

The programme in Orthotics and Prosthetics has been developed to produce a competent clinician who is grounded in the fundamental theory and principles that underlay the practice and growth in the field of orthotics and prosthetics. The programme's strong clinical and practical components are offered as increasingly complex and demanding modules through the four years of the programme. A partnership between the Department of Medical Orthotics and Prosthetics and the KwaZulu-Natal Department of Health including the private sector will ensure that the students fully participate in focused clinical practice activities.

The BHSc in Medical Orthotics and Prosthetics programme leads to professional practice and scientific advancement in Medical Orthotics and Prosthetics.

Successful completion of this qualification will entitle the student to register with the Health Professions Council of South Africa (HPCSA) as an independent Medical Orthotist and Prosthetist.

## Career Opportunities

There exists a scarcity of professionally qualified medical orthotists and prosthetists in South Africa. This programme will play a crucial role in meeting the need to service this particular health care sector. Graduates will have an extremely high employment opportunity, due to the national and African need for practitioners in this field. Orthotists and prosthetists may find employment in a variety of settings:

- Hospitals
- Government departments
- Rehabilitation facilities / private institutions
- Specialty clinics and home health settings
- Universities and Universities of Technology

## Duration

Minimum duration for completion (full-time): 4 years

Entry term: Annual programme starting in January.

## Entry requirements

Acceptance into the programme will be limited to 30 places. The minimum entrance requirement for entry into the programme of study is a National Senior Certificate (NSC) with endorsement for degree entry with the following subjects:

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC with endorsement for degree entry with the following subjects	Rating Code	<b>A Senior Certificate with Matriculation</b>		
<b>Compulsory Subjects</b>		Exemption or equivalent qualification.		
		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English	3	English	E	C
Life Sciences	4	Biology	D	B
Physical Sciences	4	Physical Sciences	D	B
Mathematics	4	Mathematics	D	B
And two 20 credit subject (only one of the two can be another language)	4			

## First Year Curriculum

Physics  
Cornerstone  
Mathematic  
Materials Science  
Anatomy I  
Biomechanics I  
Principles of Orthotics and Prosthetics  
Clinical Practice I

### Total

## 2019 Fees

R3270  
R2950  
R2290  
R8120  
R7100  
R8120  
R9600  
R12400  
**R53850**

**Closing date for applications: 31 August 2019**

**Telephone:** (031) 373 6992

**CAO Code:** DUDHSP

# Bachelor of Health Sciences in Nursing Science

(This programme may be replaced in 2019 by a new Nursing programme subject to approval by various external bodies.

## Location

Indumiso Site, Midlands Campus (Pietermaritzburg)

## Description of the Programme

The academic programme extends over a period of four years of full-time study, of which the first two years provide the future professional nurse with a comprehensive foundation in basic sciences; including basic medical sciences and social sciences. Attendance at lectures, clinical health settings, including community settings and laboratories will form the basic pattern. The final year will include a foundation in conducting research in nursing with specific focus in primary health care (PHC) settings. Hence, more than 50% of clinical learning placements will take place in community and primary care settings. The last semester of the programme will focus on consolidating PHC nursing and ensuring that the graduates are able to work in PHC settings immediately after graduation.

The planned teaching and learning experiences provide a broad foundation in basic sciences (medical and social sciences) as well as in-depth and comprehensive knowledge, skills and attitudes in clinical nursing to ensure that qualifying learners have the requisite knowledge and skills to function as professional nurses. More importantly, a community and case based learning approach is chosen to facilitate the development of higher order thinking skills using authentic clinical setting case studies.

## Working Conditions

The programme, is DUT's positive contribution to the nation's efforts to double or triple the production of professional nurses in South Africa and in so doing contribute to the country's health human resources strategy. Hence, it is required that participants in this programme sign a contract to practice in South Africa for four years after graduation, inclusive of one-year of community service

## Personal Qualities Required

Nursing involves teamwork, therefore, one needs to be able to work and co-operate with colleagues.

It is necessary to have a working knowledge and understanding of the basics of Nursing as a profession.

## Career Opportunities

The four-year Bachelor of Technology in Nursing Science degree qualifies you as a general nurse and midwife (community, psychiatry) and opens opportunities for working as a general nurse in any clinical setting. Further career prospects are to continue post graduates studies, specialising in clinical nursing, management or academia.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Degree Entry Applicants with 28 (excluding Life Orientation) or more points will be considered.</b>	<b>NSC Rating Code</b>	<b>Exemption (endorsement) or equivalent qualification.</b>		
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>	3	English	E	C
English (1st additional)	3	Biology	D	B
Life Sciences	4	Maths <b>OR</b> Physical Science	D	B
Maths <b>OR</b>	4			
Maths Literacy <b>OR</b>	6			
Physical Science	4			
And Two 20 credit subject (only one may be an additional language)	4			

## Additional Entry Requirements:

Standardized Assessment Test for Access and Placement (SATAP) will be used to complement the NSC results to assess the applicants' potential to cope with the academic demands of the programme.

This programme will only considered applicants who rank this programme as choice 1, 2 or 3.

## Recognition of Prior Learning (RPL):

Candidates applying for recognition of prior learning will be required to provide evidence of competence by means of portfolios and/or challenge assessment as per the targeted learning outcomes

### First Year Curriculum

#### Semester 1

Anatomy and Physiology IA	R2970
Basic Sciences I	R4150
Clinical Nursing Practice IA	R5810
Fundamental Nursing Science IA	R3220
Personal & Professional Dev I	R1970

#### Or

Environmental Awareness for Health Care Practicle	R4430
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#### Semester 2

Anatomy and Physiology IB	R2970
Fundamental Nursing Science IB	R3220
Clinical Nursing Practice IB	R2910
Community Health Nursing Science I	R6640
Clinical Nursing Practice IC	R8440
Cornerstone 101	R2950
Info and Comm Literacy & Skills	R1850

#### Or

Values in the workplace	R1970
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**Closing Date for Applications: 30 September 2019**

**Telephone:** (033) 845 9012

**CAO Code:** B HEALTH - DUI NS4

## Bachelor of Health Sciences in Radiography

### Location

Ritson Campus (Block M Ground Floor)

### Description of the Programme

The Department of Radiography offers three discipline specific degrees: Bachelor in Health Sciences in Diagnostic Radiography, Radiotherapy and Diagnostic Sonography

### Diagnostic Radiography

Radiography is the creation of radiographs; photographs made by exposing a photographic film or other image receptors to X-rays. Since X-rays penetrate solid objects, but are slightly attenuated by them, the picture resulting from the exposure reveals the internal structure of the object. A radiographer should be able to apply scientific knowledge and technologies, applicable to the clinical presentation, for the production of optimum image quality in a chosen elective; be able to plan, develop and apply total quality management with consideration for equipment, human resources, quality assurance and health care needs; be able to manage a radiographic service; be able to apply research skills and principles, and be able to apply advanced ethical principles to daily practice.

### Radiotherapy

Treatment of disease with radiation, especially by selective irradiation with x-rays or other ionizing radiation and by ingestion of radioisotopes. Radiotherapy radiographers deliver doses of X-rays and other ionising radiation to patients, many of whom are suffering from various forms of cancer. Radiotherapy radiographers may be involved in the care of the cancer patient from the initial referral clinic stage, where pre-treatment information is given, through the planning process, treatment and eventually post-treatment review (follow-up) stages.

## Diagnostic Sonography/Ultrasound

Ultrasound uses high-frequency sound waves and a computer to create images of blood vessels, tissues, and organs. A sonographer is qualified to perform abdominal and transvaginal ultrasound to determine the size, shape and dimensions of pelvic organs, ovarian follicle production, and the existence of tumours, enlargements or inflammations. Doppler and 3-D ultrasound help identify pathologies such as gallstones, kidney stones, cancers, hematomas and tumours. An ultrasound radiographer must operate various types of diagnostic ultrasound equipment and care for patients competently. He or she does not make a diagnosis, as this falls within the scope of a qualified doctor such as a radiologist, obstetrician, surgeon or physician. The ultrasound radiographer reports his or her finding

## SECTION A

### Basic Requirements for Training:

1. Age: Minimum age: 18 years as at end of June 2019
2. Physical Fitness: Radiography involves physical work therefore all students must be physically fit and strong.  
An applicant with severe disability and/or blood-related illness may not be accepted for training. All students will have compulsory medicals during their first week as registered students.
3. Academic Entry requirements: The following requirements are pre-requisites.

## Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL REQUIREMENTS	SENIOR CERTIFICATE	
NSC Degree Entry With 28 points or more (excluding LO)	NSC Rating Code	A Senior Certificate with Matriculation Exemption or equivalent qualification.		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) OR English (1st additional)	4	English	D	B
Maths	4	Maths	D	B
Life Sciences	4	Physical Science	D	B
Physical Science	4	Biology	D	B

## NCV level 4

**With English, Maths, Physical Science and Life Science or Biology at 70%**

## Additional Entry Requirements

An applicant may be required to write entrance tests, visit clinical training centres, write essays and attend interviews prior to final acceptance into the radiography programme.

Applicants will only be considered if they placed this programme as 1<sup>st</sup>, 2<sup>nd</sup>, or 3<sup>rd</sup> choice.

## Career Opportunities

Work may be sought in provincial and private institutions, in South Africa, as well as in most countries abroad. Radiographers may also open their own practices in accordance with the requirements of the Health Professions Council of South Africa (HPCSA)

## Selection of Students

1. Only those applicants whose senior certificate subjects and results comply with the requirements laid out in 1.3 above may be invited for final selection. Due to the large number of applicants for radiography, those with better passes may be given first preference.
2. All suitable candidates may be required to write entrance tests at the Durban University of Technology.
3. The equity needs of the university, industry and the country will also be considered.
4. Final selection of students will be based on the recommendations of the departmental selection committee who will consider all of the above criteria.

**NB:** Compliance with 1.3 does not guarantee acceptance for training.

## Compulsory Registration

A student radiographer must be registered with the Health Professions Council of South Africa (HPCSA) throughout the training programme. This is a legal requirement.

## Expenses

The selected student will be responsible for:

- i. Payment and/or purchase of:
- ii. his/her annual Durban University of Technology subject and registration fees;
- iii. all prescribed/compulsory textbooks;
- iv. levies for laboratory usage/breakages at Durban University of Technology, and
- v. accommodation;
- vi. additional radiography insurance coverage for radiographers (optional);
- vii. uniforms and white lab coats;
- viii. Transport to/from clinical training centres. Note: students may be rotated for their work integrated learning (WIL) through ANY of the accredited clinical training venues in and around the Durban AND Pietermaritzburg areas on KwaZulu-Natal.
- ix. Writing materials, including stationery.
- x. HPCSA fees
- xi. Hepatitis Vaccinations
- xii. Basic Life Support Courses
- xiii. Radiation monitoring disorders
- xiv. Anatomical markers

## Recreation

The academic workload for each level of study determines the opportunities for recreation. However, recreation facilities at Durban University of Technology are made available to all registered students.

## Employment Opportunities

**NB:** Employment at the end of the student's training is not guaranteed by any clinical centre. It is the responsibility of the student to seek employment after qualifying. The availability of posts is largely dependent on the economy of the country, and the employment situation at the clinical training centres.

Compulsory One year of Community Service is compulsory for all graduates.

## Service Conditions

The Province/private practices and/or Durban University of Technology reserves the right to terminate and/or deregister the student from the academic/clinical programme if his/her clinical, professional and/or academic progress, respectively, are deemed unsatisfactory. The student disciplinary rules, according to the radiography handbook and WIL CODE of Conduct will be applied in these instances.

## Important points to note

- i) A pregnant radiographer is restricted in her field of work as some radiographic examinations may not be performed by a registered radiation worker during her pregnancy. The student may be required to de-register during her pregnancy. Any student who is pregnant at the commencement of her studies or becomes pregnant during her training must disclose her pregnancy to the head of department immediately as exposure to radiation may harm the unborn baby. This is a Department of Health: Directorate Radiation control requirement.
- ii) As a member of the health care team, there will always be the risk of exposure to infectious diseases, e.g. Hepatitis B, Tuberculosis, and HIV/Aids. All registered students are given Hepatitis vaccines during their training.

## SECTION B

### Professional Organisations

Membership is not compulsory but student radiographers may join voluntarily as they are also members of the radiography profession, e.g. Society of Radiographers of South Africa.

## CURRICULUM AND TUITION FEES

Please contact the Department for the Curriculum and Fees of each specialisation

**Closing Date for Applications: 15 August 2019**

**Telephone: (031) 373 2450**

**CAO Codes: BHSc Radiography:**

## Diploma in Somatology

### Location

Ritson Campus (Mansfield School Ground Floor)

### Description of the Programme

In keeping with the faculty's mission and goals, the programme aims to provide high standards of teaching and innovative learning strategies thereby producing ethical, skilful and quality Somatologists who can promote and represent their profession locally, nationally and internationally.

Graduates will have the capacity to apply leadership and entrepreneurial skills thereby responding to the national imperatives of creating employment opportunities.

The Somatologists will promote social responsibility through community engagement and research activities. The programme aims to encourage and improve relationships with all other health care professionals through research and being responsive to the primary health care and wellness needs of the people of South Africa, thereby adapting and cementing their position within the health care community.

To be a suitable candidate for the profession it is important to be fit and in good physical health. Emotional strength and maturity is also a necessity as once qualified, the Somatologist will be dealing on a one to one basis with various people with many different physical and psychological needs.

The Diploma is offered on a full-time basis only.

Training given during the three-year and four year (ECP) programme leads to a Diploma and B Tech Somatology respectively. The programme is divided into theoretical and practical components. Class practicals are performed on fellow students. In the second and third year, students complete experiential learning and community service in order to gain workplace experience. The curriculum has been designed to give the diplomat a working knowledge and experience of all facets of health education, in order that they may play a role in the general health care and wellness of individuals.

### Career Opportunities

Owning, running or working in a spa/salon/clinic or health hydro and international and national shipping liners, game lodges and wellness centres, exercise as well as advising clients on nutritionally balanced eating programmes. Marketing and training positions are also available in national and international cosmetic companies, and equipment houses and retail outlets.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry	NSC Rating Code	Compulsory Subjects	HG	SG
Compulsory Subjects				
English (home) <b>OR</b>	3	English	E	C
English (1st additional)	3	Biology	E	C
Maths <b>OR</b>	3	Maths	E	C
Maths Literacy	5	and two other subjects	E	C
Life Sciences	4			
Any 2 additional 20 credit subjects (only one of which may be a language)	3			

### Additional Entry Requirements:

Further requirements include a Medical Report and an Assessment test.

1. Applicants are required to have a prescribed medical stating that they have a clean bill of health as a high standard of physical fitness is absolutely essential.
2. Admission is dependent upon an entrance test to be held in the latter part of the year in which applicants apply. A total number of 25 students can be accommodated for the full programme on an annual basis.

An extended curriculum programme is also available to students who have applied but who do not fulfil all the tertiary admission requirements for success. This extended programme requires students to complete the first year of the Somatology Diploma over two years during which additional assistance is afforded to them. When the two years for this extended programme has been completed, students automatically move to the second year of the Somatology programme. Fees are split for those subjects taken. Twenty places are available on the extended programme. Selection is based on the entrance test. The students with the best school results in recommended subjects, aptitude, personality and entrance test will have the best chance of being accepted to the programme.

### **NCV level 4**

With English, Maths and any two subjects at 60%, Life Sciences at 70%, Maths Literacy at 80%.

### **Dress Regulation for Practical Classes**

Uniform as prescribed must be worn during practical's. Shoes - well-fitting shoes or sandals with low heels.

Hair - clean and tidy and secured away from the face. Nails - very short and unvarnished.

#### **First Year Curriculum**

Aesthetic Practices

Anatomy and Physiology

Microbial Hygiene

Entrepreneurship I

Community & Academic Writing

Science I: Chemistry

Nutrition I

Somatic Therapy I: Face

Somatic Therapy I: Body

Cornerstone 101

Values in the Workplace

**Total**

#### **2019 Fees**

R3800

R4220

R1690

R1690

R1690

R1690

R1690

R5060

R5060

R2950

R1970

**R27 710**

**Closing Date for Applications: 22 September 2019**

**Telephone** (031) 373 2534

**CAO Code:** DUDST3

# FACULTY OF MANAGEMENT SCIENCES

## Diploma in Catering Management

**Please note that this programme is currently suspended.**

For further information, please contact the Department of Hospitality and Tourism on Tel: 031 373 5508 or via email at [silungilem@dut.ac.za](mailto:silungilem@dut.ac.za)

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department.

## Higher Certificate in Ecotourism Management

### NQF 5

#### Location

Riverside Site and Midlands Campus (Pietermaritzburg)

#### Description of the programme

Ecotourism is a branch of tourism that is directed towards conservation of natural environments and protection of the local communities against exploitation by tourists. This distinct branch of tourism is important due to its ability to make significant contribution to vulnerable and finite natural environmental resources, thus contributing positively to the environmental, social, cultural and economic well-being of destinations and local communities around the world. Thus, the Higher Certificate in Ecotourism Management will address the need for knowledge and skilled employees in the growing field of ecotourism. Upon completion of the Higher Certificate in Ecotourism, students will be able to articulate into DUT's CHE accredited Diploma in Ecotourism or into other Diploma programmes offered by DUT or other higher education institutions

#### Career Opportunities

The Higher Certificate in Ecotourism Management is designed to enhance the employability of students by providing them with the basic knowledge and skills pertaining to ecotourism, which will enable them to occupy junior/entry-level or support positions in the ecotourism sector. Students will be equipped with the appropriate knowledge and skills to work as assistants to Tourism Project Officers, Heritage Site Managers, and Park Rangers; trainee tour/field guides, trainee conservation officers.

#### Entrance Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Higher Certificate Entry		A Senior Certificate or Equivalent Qualification		
A minimum of 22 points (excluding Life Orientation) will be considered		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			
Life Sciences	3	Biology	E	D
Geography	3	Geography	E	D

**OR**

#### NCV Level 4

With English/Communication, Life Sciences/Biology and Geography at 50%

## Tuition Fees

**PLEASE NOTE:** The programme is being offered for the first time in 2020. The fees for 2020 are not yet finalised.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Cornerstone 101

Introduction to Technology

Business Communications and Information Literacy

Service Excellence and Work Preparedness

### Semester 2

Responsible Tourism

Global Environmental

Issues Field Guiding

Introduction to Environmental Management for

Ecotourism Natural and Cultural Resource Management

Community Engagement Processes

Introduction to Ecotourism for local Development and Poverty Reduction

**Closing Date for Applications: 30 November 2019**

**CAO Code:** DU-P-ECM

## National Diploma: Ecotourism Management

**PLEASE NOTE** this programme is phased out and a new programme may be offered in 2020. For further information regarding programmes offered in 2020, please contact the Department of Ecotourism Management on Tel: 033 845 8844 or via email at Dumisileh@dut.ac.za or MthokozisiLI@dut.ac.za

The DUT and CAO websites would be updated regularly regarding programmes offered by this department. Please check the DUT and CAO website regularly for updates on programmes offered by this Department

## Higher Certificate in Hospitality & Leisure Studies

**NQF 5**

### Location

Ritson Campus (Block D)

### Description of the Programme

The Higher Certificate in Hospitality and Leisure Studies is designed to enhance the employability of students by equipping them with basic hospitality knowledge and skills which will enable them to occupy junior/ entry-level positions in both the private and the public sectors.

### Duration

One year full-time

### Career opportunities

The programme prepares learners for employment in entry-level or support positions in a wide variety of sectors within the hospitality industry, inter alia, accommodation establishments, foodservice sector, events and conferencing, transport catering and welfare catering. Typical jobs that students can apply for are; chefs, waiters, bartenders, guests' relations officers, receptionists.

## Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Higher Certificate Entry		A Senior Certificate or equivalent Qualification		
A minimum of 20 points (excluding Life Orientation) will be considered		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

**OR**

## NCV Level 4

With English/Communication 50%

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Business Communications and Information Literacy  
Quantitative Approaches to Management Sciences  
Hospitality Information Technology  
Cornerstone 101  
Hygiene and Safety

### Semester 2

Accounting Principles for Hospitality  
Service Excellence in Tourism and Hospitality

## ELECTIVE MODULES

Introduction to Food & Beverage Service AND  
Culinary Skills

**OR**

Hospitality House-keeping & Maintenance Operations AND  
Hospitality Front Office Operations

**Closing Date for Applications: 30 November 2019**

**CAO Code:** H/C - DU-D-CHL

## Diploma in Hospitality Management

### Location

Ritson Campus (Block D)

### Description of the Programme

Good hospitality management is about ensuring high standards in businesses, which provide hospitality as their core product, mainly in respect of accommodation, food and beverage and events management.

Banqueting/Conference and leisure activities are associated with the programme

Although establishments vary with regard to business emphasis and target markets, a common commitment to service excellence is essential. It is only the degree of luxury that changes. As a career

which depends upon service as its cornerstone it is the challenge of every general manager and his/her team to ensure that each guest leaves the hotel as a satisfied and well-disposed customer. The Diploma in Hospitality Management is designed to develop or, as is the case in certain areas, only to introduce students to the knowledge and skills required becoming a successful hospitality manager.

### Personal Qualities Required

Personal attributes associated with successful Hospitality Management are essential and the following characteristics are an important part of the curriculum

- Communication ability (verbal and written)
- Self-confidence and maturity
- Good grooming and personal presentation
- Leadership ability
- Self-control and a strong sense of responsibility

### Duration

Three years full-time (two years at the Hotel School and one year in a reputable hospitality organisation). (Work Integrated Learning).

### Career opportunities

The Diploma in Hospitality Management is set to produce well-grounded graduates who will be able to initially occupy entry-level positions in a wide variety of sectors within the hospitality industry, inter alia, accommodation establishments, food service sector, events and conferencing, transport catering and welfare catering. Typical jobs include chefs, food service, receptionists, reservationists, guest relations, event coordinators, catering supervisors, bartenders, sommeliers and many more.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry</b>		A Senior Certificate or equivalent Qualification		
<b>A minimum of 23 points (excluding Life Orientation) will be considered</b>		A minimum of 23 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b> English (1st additional)	4	English	E	D
Maths <b>OR</b>	2	Mathematics	F	E
Maths Literacy	3	Accounting	F	E
Accounting	3			

**OR**

### NCV Level 4

With Communication/English at 50%, Maths at 40% or Maths Literacy at 50% And Vocational subjects relevant to Hospitality

These are minimum requirements and do not guarantee entry. The Department reserves the right to accept students with the highest points/codes/symbols.

### Additional Entry Requirements:

All persons will be required to present themselves for the Department's suitability test and successful candidates may be short-listed for an interview.

Every learner will be required to have a Hepatitis A vaccination, which must comprise a primary and a booster dose. Full uniform and toolkit is required which is for the learner's account.

## **Preference will be given to applicants who have passed the under-mentioned listed subjects for each of the following qualifications:**

1. Diploma in Hospitality Management/Diploma in Catering Management, Business related subjects and Hotel Keeping & Catering recommended. Preference will be given to applicants who have:
2. Proven experience in the Tourism, Hospitality and Food Industries.
3. Successfully completed a subject/qualification for the hospitality industry at a Technical College or other accredited training organisation.
4. Successfully completed National Qualification units/levels as recorded by qualified assessor/s of CATHSSETA.
5. Successfully completed Further Education and Training Certificate at NQF Level 4 or equivalent.

### **Tuition Fees**

**PLEASE NOTE:** Fees are not yet finalised. Please contact the Department.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### **First Year Curriculum**

#### **Semester 1**

Business Communications and Information Literacy Cornerstone 101

Hospitality Information System

Introduction to Hospitality Service

Excellence in Hospitality

#### **Semester 2**

Culinary Studies and Nutrition

Front Office Operations

Hospitality Financial Management 101

Hospitality Industry Law Management 101

**Closing Date for Applications: 30 November 2019**

**Telephone: (031) 373 5508**

**CAO Code: DU-D-HPM**

## **Higher Certificate in Human Resources**

### **NQF 5**

### **Location**

ML Sultan Campus (Mariam Bee: Ground Floor) and Riverside Site, Midlands Campus  
(Pietermaritzburg)

### **Description of the Programme**

The programme is designed to enhance the employability of students by equipping them with basic human resources knowledge and skills, which will enable them to occupy entry-level / junior or support positions in both the private and the public sectors. Upon completion of the programme, students will be able to articulate into cognate NQF 6 programmes, more especially, the Diploma in Management Sciences, with specialisation in Human Resources.

### **Career opportunities**

The programme will enable them to occupy entry-level / junior or support positions in both the private and the public sectors.

### **Duration**

One year full-time

## ENTRY Requirements

EQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Higher Certificate Entry</b>		A Senior Certificate or equivalent Qualification		
<b>A minimum of 20 points (excluding Life Orientation) will be considered</b>		A minimum of 20 points will be considered		
<b>Compulsory Subjects</b>	<b>NSC Rating Code</b>	<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

### OR

#### NCV Level 4

With Communication/English at 50%

### Tuition Fees

**PLEASE NOTE:** Please note that fees are not yet finalised, please contact the Department.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### Curriculum

#### Semester 1

Business Communication & Information Literacy  
Financial Literacy  
Introduction to Technology  
Cornerstone 101

#### Semester 2

Introduction to human Resources  
Fundamentals of Organisational  
Behaviour Introduction to Labour  
Relations Introduction to Training &  
Development

### Closing Date for Applications: 30 November 2019

CAO CODE: DBN H/C - DU-D-HRH (full time)

PMB H/C - DU-P-HRF (full-time)

## Diploma in Management Sciences: Human Resources

### Location

ML Sultan Campus (Mariam Bee Building: Ground Floor) and Riverside Site, Midlands Campus (Pietermaritzburg)

### Description of the Programme

The function of a Human Resources Manager varies according to the size and type of company for which he/she works, but essentially he/she plans and executes policies relating to all phases of personnel activity. As labour costs represent the single greatest cost in any organization it is important that every effort be made to make the best use of every employee and ensure optimum productivity through correct selection, training and promotion. It is the Human Resources Manager's function to provide his/her employer with a highly trained, well- motivated worker and to ensure that the employee has the best use made of his/her talents and potential.

The activities of the Human Resources Officer/Manager may include some or all of the following:

- Recruiting, selecting and placement of new staff.
- inducting and training staff
- communicating between management and the workers
- devising remuneration scales and policy

- promotion of better staff relations
- keeping records of employees
- job analysis and evaluation
- handling grievances and industrial relations
- advising senior management on labour policies
- improving motivation and morale

In performing the above functions, the Human Resources Manager provides a specialized service to assist other management team members to make the most effective use of the human resources in an organization.

## Personal Qualities Required

The Human Resources Manager should be a self-organised person who is sensitive to the needs of others and who has the ability to communicate and interrelate with them while viewing their problems objectively. Integrity, patience, sound human relations, good reasoning abilities and leadership qualities are important. He/she must show initiative and be decisive in thought and action.

## Duration

Three years full-time and four years part-time

## Career opportunities

The personnel field is a rapidly developing field in South Africa. It is recognized that a well- trained and highly motivated labour force is becoming increasingly vital in order to improve productivity. Entrants to Human Resources Management are usually known as Personnel Officers and become managers after gaining experience. They may remain in the general personnel field or specialize in specific aspects of personnel management, training or industrial relations.

This diploma will be useful to people who operationalize some aspects of the core processes and practices at a basic level across the four role clusters in human resources management and practices:

- Strategic planning for human resources management practices
- Acquisition, development and utilization of people
- Establishment and improvement of labour and employee relations
- Compensation and administration related to human resources management and practices.

Holders of the qualification will be able to operationalize some aspects of the core human resources management processes at a basic level and integrate them into an organization's business processes.

## Entry Requirements

Applicants wishing to enrol for the Diploma: Management Sciences at the Durban University of Technology are required to have current matric National Senior Certificate (NSC) NQF4 equivalent qualification, with a minimum of 25 points excluding Life Orientation.

The following admission rating system will be used in selecting students:

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS
<b>NSC Diploma Entry</b>	<b>NSC</b>	A Senior Certificate or equivalent qualification.
A minimum of 25 points excluding Life Orientation will be considered.	<b>Rating Code</b>	<b>Applicants with 20 or more points will be considered</b>
English (home) <b>OR</b>	3	
English (1st additional)	4	
Maths <b>OR</b>	3	
Maths Literacy	4	
And two 20 credit subjects (not more than 1 language)	3	

## OR

A National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and Training with a) at least 50% in three fundamental subjects, including English; and b) at least 60% in three compulsory vocational subjects. If the number of applicants exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

## Selection criteria for this programme.

Applicants must meet the minimum requirements mentioned above. NSC and NCV applications received via the Central Applications Office (CAO) will be scored and ranked from highest to lowest points. Based on these rankings, those learners

with the highest points will be offered a firm place; the learners who have applied with their grade 11 and / or Midyear Grade 12 results may be offered a conditional place subject to them meeting the requirements mentioned in above. Preference will be given to learners from designated groups.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

#### First Year Curriculum:

##### Semester One

DUT Cornerstone 101	R2 950.00
Environmental Sustainability	R1 840.00
Introduction to Business Law	R3 690.00
Introduction to Business	R3 690.00
Quantitative approaches to Management	<u>R1 850.00</u>
<b>Total</b>	<b><u>R14 020.00</u></b>

#### 2019 Fees

##### Semester Two

Time & Stress Management	R1 850.00
Law for Life	R1 850.00
Business Communication & Info Literacy	R3 690.00
Financial Literacy	R2 710.00
Academic Literacy & Practice	R3 690.00
Business Management I	<u>R2 830.00</u>
<b>Total</b>	<b><u>R16 620.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** **DBN 031) 373 6787** **PMB (033) 845 8851**

**CAO Codes:** DBN: Dip. - DUDHR3 (Full-time)  
Dip. - DUDHRY (Part-time)  
PMB: Dip. - DUPHR3 (Full-time)

## Higher Certificate in Business Administration

### NQF 5

#### Location

ML Sultan Campus (B Block: 6th Floor) and Riverside Site, Midlands Campus (Pietermaritzburg)

#### Description of the Programme

This is a generic programme that is designed to equip students with the basic administrative knowledge and skills that are required from those occupying entry-level administrative or support positions in the workplace. These skills are generic and essential for the smooth operations of all organizations in the private and public sectors as well as non- governmental/civic/not-for profit organizations.

#### Duration of the programme

One year full-time.

#### Career opportunities

The entry-level or support positions include the following: general office management, liaising with clients, assisting an employer, clerical work (including maintaining records and entering data), and management of office equipment, maintaining a clean and enjoyable working environment, handling external or internal Communication or management systems, and organising, and arranging and coordinating meetings.

## Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Higher Certificate Entry		A Senior Certificate or equivalent Qualification		
A minimum of 20 points (excluding Life Orientation) will be considered		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

**OR**

## NCV Level 4

With Communication/English at 50%

## Tuition fees

**PLEASE NOTE:** Fees are not yet finalized, please contact the Department.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## Curriculum

### Semester 1

Business Communication & Information Literacy

Financial Literacy

Introduction to Technology

Cornerstone 101

### Semester 2

Introduction to Business

Fundamentals of Business Administration

Introduction to Entrepreneurship

Introduction to Business Law

**Closing Date for Applications: 30 November 2019**

**CAO Codes:** DBN: H/C -DU-D- HBA'

PMB: H/C -DU-P-HBA'

# Diploma in Management Sciences: Business Administration

## Location

ML Sultan Campus (B Block: 6th Floor) and Riverside Site, Midlands Campus (Pietermaritzburg)

## Description of the Programme

Business is changing. The world in which we work is rapidly changing. Our new exciting and academically strong and focused diploma will enable you to be a fully functional team member in whichever organisation you choose to work in. The programme will equip you with analytical, conceptual and technical skills in the major areas of management, financial and administrative management. With the diploma as your strong foundation for business administration, and relevant work experience, the “sky’s the limit”.

Students who complete this diploma are sufficiently trained to enter a wide variety of fields such as retailing (supermarkets, furniture, chain stores, and clothing stores), manufacturing, insurance, banking, logistics, marketing, and personnel. The qualification offers a wider scope for job opportunities than does most specialist diplomas. There is a shortage of managers and qualified administrators in South Africa. The programme is both practical and theoretical. It deals with all aspects of management and some areas covered include: in addition to general education modules: theory of management, financial management, administrative management and introduction to economics and technology.

## Duration of the programme

Three years full- time

## Career opportunities

Entrepreneur, General Manager, Retail Banking, Wholesale and Retail Management, Financial Management, Administration, Government Service, Government Administration, Education Management, Hospital Administration, Consulting, Customer Service, Transportation, Property and Real Estate Management, Business Analyst, Supply Chain Management and Insurance.

## Entry Requirements

Applicants wishing to enrol for the Diploma in Management Sciences: Business Administration at the Durban University of Technology are required to have current matric National Senior Certificate (NSC) NQF4 equivalent qualification, with a minimum of 25 points excluding Life Orientation.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS
<b>NSC Diploma Entry</b> A minimum of 25 points excluding Life Orientation will be considered	<b>NSC Rating Code</b>	<b>A Senior Certificate or equivalent qualification. Applicants with 20 or more points will be considered</b>
English (home) <b>OR</b>	3	
English (1st additional)	4	
Maths <b>OR</b>	3	
Maths Literacy	4	
And two 20 credit subjects (not more than one language)	3	

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

### OR

A National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and Training with a) at least 50% in three fundamental subjects, including English; and b) at least 60% in three compulsory vocational subjects

## Selection criteria for this programme.

Applicants must meet the minimum requirements mentioned above. NSC and NCV applications received via the Central Applications Office (CAO) will be scored and ranked from highest to lowest points. Based on these rankings, those learners with the highest points will be offered a firm place; the learners who have applied with their grade 11 and / or Midyear Grade 12 results may be offered a conditional place subject to them meeting the requirements mentioned in above. Preference will be given to learners from designated groups.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum:

#### Semester 1

DUT Cornerstone 101	R2 950.00
Environmental Sustainability	R1 840.00
Introduction to Business Law	R3 690.00
Introduction to Business	R3 690.00
Quantitative approaches to Management	<u>R1 850.00</u>
<b>Total</b>	<b><u>R10 330.00</u></b>

#### Semester 2

Law for Life	R1 850.00
Business communication & Info. Literacy	R3 690.00
Financial literacy	R2 710.00
Administrative Management I	R3 690.00
KZN Maritime	TBA
Academic Learning & Writing skills/practice	<u>R3 690.00</u>
<b>Total</b>	<b><u>R11 940.00</u></b>

**Closing Date for Applications: 30 September 2019**

<b>Telephone:</b>	<b>DBN</b>	(031) 373 5147
	<b>PMB</b>	(033) 845 8851
<b>CAO Codes:</b>	<b>DBN:</b>	Dip. - DUDMN3 (Full-time)
	<b>PMB:</b>	Dip. - DUPMN3 (Full-time)

## Higher Certificate in Legal Aspects of Business

**NQF 5**

### Location

ML Sultan Campus (Block B 4th floor)

### Description of the Programme

The Higher Certificate in Legal Aspects of Business is designed to enhance the employability of students by equipping them with basic legal and administrative knowledge and skills, which will enable them to occupy entry-level positions in both the private and public sectors. The programme introduces students to selected aspects of business law and administration. The programme was also designed to facilitate vertical articulation into the Diploma in Management Sciences, specializing in Business Law.

### Duration of the programme

One year full-time.

### Career opportunities

To equip the student for entry-level positions in both the private and public sector, to perform administrative duties, including roles requiring basic legal knowledge and skills.

**Please note:** This programme does not equip students to practice as attorneys or advocates.

### Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Higher Certificate Entry</b>		A Senior Certificate or equivalent Qualification		
<b>A minimum of 20 points (excluding Life Orientation)</b>		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

**OR**

## **NCV Level 4**

With Communication/English at 50%

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

## **Tuition Fees**

**PLEASE NOTE:** DUT cannot be held liable for the fees in this brochure, as the 2020 fees are not yet final

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### **First Year Curriculum**

#### **Semester 1**

Business Communication & Information. Literacy  
Financial Literacy  
Introduction to Technology  
Cornerstone

#### **Total**

### **2019 Fees**

R3 690.00  
R2 710.00  
R2 710.00  
R2 950.00  
**R1 2060.00**

#### **Semester 2**

Introduction to Business Law

Law for Life

Fundamentals of Business Administration

Introduction to Specific Contracts

Introduction to Entrepreneurial Law

R3 690.00

R1 850.00

TBA

TBA

TBA

**Closing Date for Applications: 30 November 2019**

CAO codes: DBN: H/C DU-D-LAB'

## **Diploma in Management Sciences: Business Law**

### **Location**

ML Sultan Campus (Block B 4<sup>th</sup> Floor)

### **Description of the Programme**

This programme introduces students to the main aspects of business law and the compliance function within an organisation. It is designed to provide students with an understanding of the law relating to business in general and contracts in particular, as well as the specific standards, regulations and requirements in terms of relevant legislation, and its application, in order to enable students to analyse and solve problems relating to an organization's compliance. The program is designed to equip students with the knowledge, skills, attitudes and competencies they will require at the confluence of the legal and business framework. This will be achieved by providing students with the skills to serve as a business specialist with basic legal knowledge applicable to the organisation.

Students are exposed to the various aspects of law relevant to business and management. In the final year of study they focus on managing purchasing, procurement, contracts management and compliance. This assists students in understanding business law, in general, and compliance

### **Duration of the programme**

Three years full-time

### **Career opportunities**

Compliance officers/managers; contract officers/managers and other roles in business requiring legal knowledge.

**Please note:** This programme does not equip students to practice as attorneys and advocates.

## Entry Requirements

Applicants wishing to enrol for the Diploma in Management Sciences in Business Law at the Durban University of Technology are required to have current matric National Senior Certificate (NSC) NQF4 equivalent qualification, with a minimum of 25 points excluding Life Orientation.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS
<b>NSC Diploma Entry</b> A minimum of 25 points excluding Life Orientation will be considered	<b>NSC Rating Code</b>	<b>A Senior Certificate or equivalent qualification. Applicants with 20 or more points will be considered</b>
English (home) <b>OR</b>	3	
English (1st additional)	4	
Maths <b>OR</b>	3	
Maths Literacy	4	
And two 20 credit subjects (not more than one language)	3	

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

### OR

A National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and Training with a) at least 50% in three fundamental subjects, including English; and b) at least 60% in three compulsory vocational subjects

## Selection criteria for this programme.

Applicants must meet the minimum requirements mentioned above. NSC and NCV applications received via the Central Applications Office (CAO) will be scored and ranked from highest to lowest points. Based on these rankings, those learners with the highest points will be offered a firm place; the learners who have applied with their grade 11 and / or Midyear Grade 12 results may be offered a conditional place subject to them meeting the requirements mentioned in above. Preference will be given to learners from designated groups.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Cornerstone	R2 950.00
Environmental Sustainability	R1 840.00
Introduction to Business Law	R3 690.00
Introduction to Business	R3 690.00
Quantitative Approaches to Management Sciences	<u>R1 850.00</u>
<b>Total</b>	<b><u>R14 020.00</u></b>

### 2019 Fees

#### Semester 2

Time & Stress Management	R1 850.00
Law for Life	R1 850.00
Business Communication & Information. Literacy	R3 690.00
Financial Literacy	R2 710.00
Academic Literacy & Practice	<u>R3 690.00</u>
<b>Total</b>	<b><u>R13 790.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 5671

**C.A.O. codes: DBN:** DIP. - DU-D-BL3 (Full-time)

# Higher Certificate in Marketing

## NQF 5

### Location

ML Sultan Campus (Block B: 7th Floor)

### Description of the Programme

The programme is designed to enhance the employability of students by equipping them with basic marketing knowledge and skills, which will enable them to occupy entry-level / junior or support positions in both the private and the public sectors. Upon completion of the programme, students will be able to articulate into cognate NQF 6 programmes, more especially, the Diploma in Marketing Management.

### Duration

One year full time

### Career opportunities

The Higher Certificate in Marketing is designed to enhance the employability of students by equipping them with basic marketing knowledge and skills, which will enable them to occupy entry-level / junior or support positions in both the private and the public sectors.

Upon completion of the programme, students will be to work as sales personnel, marketing assistants and client liaison officers.

### Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Higher Certificate Entry		A Senior Certificate or equivalent Qualification		
A minimum of 20 points (excluding Life Orientation) will be considered		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

**OR**

### NCV Level 4

With Communication/English at 50%

### Tuition Fees

**PLEASE NOTE:** The fees for 2020 are not yet finalized. Please contact the Department.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### Curriculum

#### Semester 1

Business Communication & Information Literacy  
Financial Literacy  
Introduction to Technology  
Cornerstone 101

#### Semester 2

Introduction to Marketing  
Customer Orientation  
Marketing Metrics  
Sales Techniques

**Closing Date for Applications:** 30 November 2019

**CAO Code:** H/C –DU-D-HCM

# Diploma in Management Sciences: Marketing

## Location

ML Sultan Campus (B Block: 7th Floor)

## Description of the Programme

Marketing is the business of planning and developing appropriate products or services that will satisfy the wants and needs of the market as well as planning and implementing the marketing programme.

Many confuse the term marketing with selling and advertising. Whilst both of these aspects are included in the marketing function, they account for only a part of the total marketing effort. Marketing is the business discipline responsible for:

- Identifying the people who make up a market
- Analysing and identifying the wants and needs of these people
- Planning the development of appropriate products or services that will satisfy these wants and needs
- Determining the most effective way to price, promote and distribute the product or service developed.

## Marketing personnel are responsible for:

- Planning the marketing programme
- Implementing the programme
- Evaluating the performance of the programme.

In order to do this efficiently, marketers need to develop an expertise in many areas including market research, sales analysis and forecasting, advertising, sales promotion, public relations, product and packaging development, pricing, distribution and the generation of profit.

## Personal Qualities Required

Attributes essential for success in the field of marketing include a genuine interest and understanding of people, an ability to communicate effectively, an aptitude for figures as well as a strong motivation to succeed. The wide spectrum of potential career choices afforded by training in marketing call for different levels of expertise and skill. Jobs in sales require a strong people orientation. Those with creative skills may be best suited to jobs in advertising and public relations, whilst those having a flair for figures might prefer jobs in marketing strategy, product management or marketing research. Above all, motivation and enthusiasm are essential.

## Duration of the programme

Three years full-time

## Career opportunities

Marketing Manager, Sales Manager, Sales Consultant, Advertising Manager, Researcher.

## Entry Requirements

Applicants wishing to enrol for the Diploma in Management Sciences: Marketing at the Durban University of Technology are required to have current matric National Senior Certificate (NSC) NQF4 equivalent qualification, with a minimum of 24 points excluding Life Orientation.

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry A minimum of 24 points (excluding Life Orientation) will be considered)	NSC Rating Code	A Senior Certificate or equivalent qualification Applicants with 24 or more points will be considered		
Compulsory Subjects		Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	4	Maths	E	D
Maths <b>OR</b>	3			
Maths Literacy	4			
And two 20 credit subjects (not more than one language)	3			

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

## OR

A National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and

Training with a) at least 50% in three fundamental subjects, including English; and b) at least 60% in three compulsory vocational subjects

### Selection criteria for this programme.

Applicants must meet the minimum requirements mentioned above. NSC and NCV applications received via the Central Applications Office (CAO) will be scored and ranked from highest to lowest points. Based on these rankings, those learners with the highest points will be offered a firm place; the learners who have applied with their grade 11 and / or Midyear Grade 12 results may be offered a conditional place subject to them meeting the requirements mentioned in above. Preference will be given to learners from designated groups.

### Tuition fees

To assist you with your planning, the 2019 fees have been indicated.

**PLEASE NOTE:** DUT cannot be held liable for the fees in this brochure, as the 2020 fees are not yet final.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

#### First Year Curriculum:

##### Semester 1

Cornerstone	R2 950.00
Environmental Sustainability	R1 840.00
Introduction to Business Law	R3 690.00
Quantitative approaches to Management Sciences	R1 850.00
Introduction to Business	<u>R3 690.00</u>
<b>Total</b>	<b><u>R14 020.00</u></b>

##### Semester 2

Time & Stress Management	R1 850.00
Law for life	R1 850.00
Business Communication & Info Literacy	R3 690.00
Financial Literacy	R2 710.00
Academic Literacy & Writing Skills	<u>R3690.00</u>
<b>Total</b>	<b><u>R13 790.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone: (031) 373 5425**

**CAO Codes:** Dip. - DUDMK3 (Full-time)

## Higher Certificate in Operations Management

**NQF 5**

### Location

ML Sultan Campus (Block B: 1st Floor)

### Description of the Programme

Upon completion of the Higher Certificate in Operations Management, students will be able to articulate into DUT's CHE accredited Diploma in Management Sciences with specialization in Operations Management or into other cognate Advanced Certificate and Diploma programme.

### Duration

One year part-time.

### Career opportunities

This programme prepares learners for employment in entry-level or support positions in the field of operations management.

## Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Higher Certificate Entry		A Senior Certificate or equivalent Qualification		
A minimum of 20 points (excluding Life Orientation) will be considered		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

**OR**

## NCV Level 4

With Communication/English at 50%

## TUITION FEES

**PLEASE NOTE:** Fees are not yet finalized, please contact the Department.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## CURRICULUM

### Semester 1

Financial Literacy

Introduction to Technology

Cornerstone 101

Essentials of Operations Management

### Semester 2

Fundamentals of

Quality

Introduction to Operations Management Techniques

Introduction to Organisational Effectiveness Essential

Project Management

**Closing Date for Applications: 30 November 2019**

**CAO Codes:** H/C (Part-time)-DU-D-OMP

## Diploma in Management Sciences: Operations Management

### Location

ML Sultan Campus (Block B: 1st Floor)

### Description of the Programme

There are a number of very good reasons why the student should study Diploma in management sciences: operations. One is that operations management activities are at the core of all business organisations, regardless of what business they are in. Operations management covers areas such as customer service, quality assurance, production planning and control, scheduling, job design, inventory management, and many more.

Production/Operations management is about management, and all managers need to possess the knowledge and skills to effectively plan, organise, lead control the resources of the organisation.

Manufacturing industries in South Africa play an important role in the South African economy as they employ a large percentage of the labour force. Job opportunities, therefore, are good in this sector.

Within the manufacturing sector the greater proportion of the workers are engaged in the Production Function which includes specialist fields such as Total Quality Management, Work Study, Production Planning and Control, Inventory Control, Project Management, Operations Research, etc.

The National Diploma programme prepares students to enter any of the specialist fields in production or go directly into supervision of workers and thereafter as Production/Operations Managers. Experiential training is compulsory, and every effort is made to expose students to manufacturing or service organisations.

## Duration of the programme

Three years full-time or three years part-time

## Career opportunities

The programme prepares the student for positions such as:

- Trainee production/operations manager, work-study officer, quality controller, customer services, materials manager, production foreman/superintendent and quality consultant.

## Entry Requirements

Applicants wishing to enrol for the Diploma in Management Sciences: Operations Management at the Durban University of Technology are required to have current matric National Senior Certificate (NSC) NQF4 equivalent qualification, with a minimum of 25 points excluding Life Orientation.

The following admission rating system will be used in selection students:

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS
<b>NSC Diploma Entry</b> A minimum of 25 points excluding Life Orientation will be considered	<b>NSC Rating Code</b>	A Senior Certificate or equivalent qualification Applicants with 20 or more points will be considered
English (home) <b>OR</b>	3	
English (1st additional)	4	
Maths <b>OR</b>	3	
Maths Literacy	4	
And two 20 credit subjects (not more than one language)	3	

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

## OR

A National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and Training with a) at least 50% in three fundamental subjects, including English; and b) at least 60% in three compulsory vocational subjects

## Selection criteria for this programme.

Applicants must meet the minimum requirements mentioned above. NSC and NCV applications received via the Central Applications Office (CAO) will be scored and ranked from highest to lowest points. Based on these rankings, those learners with the highest points will be offered a firm place; the learners who have applied with their grade 11 and / or Midyear Grade 12 results may be offered a conditional place subject to them meeting the requirements mentioned in above. Preference will be given to learners from designated groups.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester One

Cornerstone  
Environmental Sustainability  
Introduction to Business Law  
Introduction to Business  
Quantitative Approaches to Management Sciences  
**Total**

## 2019 Fees

R2 950.00  
R1 840.00  
R3 690.00  
R3 690.00  
R1 850.00  
**R14 020.00**

## Semester Two

Time & Stress Management	R1 850.00
Law for Life	R1 850.00
Business Communication & Information Literacy	R3 690.00
Financial Literacy	R2 710.00
Academic Literacy & Practice	R3 690.00
<b>Total</b>	<b><u>R13 790.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** (031) 373 5158

**CAO Codes:** Dip. - DUDPD3 (Full-time)/ Dip. - DUDPDY (Part-time)

## Diploma in Public Administration

**(Specializing in: Public Management, Local Government Management, Supply Chain Management, Disaster and Risk Management)**

### Location

ML Sultan Campus (Mariam Bee 3rd Floor) and Riverside Site, Midlands Campus (Pietermaritzburg)

### Description of the Programme

The aim of the Diploma is to prepare students for careers in the public sector. The object is to prepare students for entry into niche areas of the different spheres of government, and to offer invaluable guidance on managerial competencies for those preparing to enter higher levels of the public sector.

Owing to accelerated changes and transformation in government in South African, with particular emphasis on best practices and good governance, the programme is structured and geared to address inter alia, management, development and delivery of programmes of reconstruction and development.

The programme is designed to offer both practical and theoretical knowledge on a variety of issues ranging from public finance, personnel management, sustainable development, legislative procedures, information technology, and knowledge - skills - applications necessary for public manager's to models of governance. The diploma is a pre-requisite for advancement to higher levels in the public service.

### Duration of the programme

Three years full-time or four years part-time only in PMB

### Career opportunities

Administrative officer, Administrative assistant, Project manager, Manager (e.g. Human Resources, Supply chain), Divisional Head, Assistant Director.

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry with 25 points or more</b>	<b>NSC Rating Code</b>	<b>A Senior Certificate or equivalent</b> Applicants with 25 or more points will be considered.		
<b>Compulsory Subjects</b>		<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b> English (1st additional)	3	English	E	D
Maths <b>OR</b>	3	Maths	E	D
Maths Literacy	4			

### OR

NCV level 4 with English at 50% and Maths at 40% or Maths Lit at 50%

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

### 2019 Fees

## LOCAL GOVERNMENT:

### Semester 1

DUT Cornerstone 101	R2 950.00
Governance & Politics	R2 280.00
Quantitative Approach to Man. Sciences	R1 710.00
Public Management & Administration	R2 920.00
Introduction to Technology	<u>R2 710.00</u>
<b>TOTAL</b>	<b><u>R12 570.00</u></b>

### Semester 2

Time & Stress Management	R1 710.00
Academic Literacy and Practice	R3 420.00
Financial Literacy	R2 710.00
Introduction to Economics	R2 510.00
Public Financial Management I	R2 510.00
Local Economic Development	<u>R2 730.00</u>
<b>TOTAL</b>	<b><u>R15 590.00</u></b>

## SUPPLY CHAIN MANAGEMENT:

### Semester 1

Cornerstone 101	R2 950.00
Governance & Politics	R2 280.00
Quantitative Approaches to Management Sciences	R1 710.00
Public Management and Administration	R2 920.00
Introduction to Technology	<u>R2 710.00</u>
<b>Total</b>	<b><u>R12 570.00</u></b>

### Semester 2

Academic Literacy and Practice	R3 420.00
Time & Stress Management	R1 710.00
Supply Chain Management I	R3 420.00
Microeconomics	R2 510.00
Public Financial Management I	<u>R2 510.00</u>
<b>Total</b>	<b><u>R13 570.00</u></b>

## PUBLIC MANAGEMENT

### Semester 1

#### Semester One

Cornerstone 101	R2 950.00
Governance & Politics	R2 280.00
Quantitative Approaches to Management Sciences	R1 710.00
Public Management & Administration	R2 920.00
Introduction to Technology	<u>R2 710.00</u>
<b>Total</b>	<b><u>R12 570.00</u></b>

### Semester 2

Financial Literacy	R2 710.00
Time & Stress Management	R1 710.00
Academic Literacy and Practice	R3 420.00
Introduction to Economics	R2 510.00
Public Financial Management I	<u>R2 510.00</u>
<b>Total</b>	<b><u>R12 860.00</u></b>

## DISASTER & RISK MANAGEMENT

### Semester 1

Cornerstone 101	R2 950.00
Public Management & Administration	R2 920.00
Quantitative Approaches to Management Sciences	R1 710.00
Governance & Politics	R2 280.00
Introduction to Technology	<u>R2 710.00</u>
<b>Total:</b>	<b><u>R12 570.00</u></b>

### Semester 2

Time & Stress Management	R1 710.00
Public Financial Management I	R2 510.00
Academic Literacy and Practice	R3 420.00
Development Management I	R2 510.00
Disaster and Risk Management	<u>R2 510.00</u>
<b>Total:</b>	<b><u>R12 660.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:**     **DBN**     (031) 373 6861  
                      **PMB**     (033) 845 8878

### CAO Codes:

<b>CAO DBN codes</b> -Diploma in Public Administration:	Public Management: DU-D-PM3 (full time)
Supply Chain Management: DU-D-SC3 (full time)	Local Government: DU-D-GV3 (full time)
Disaster and Risk Management: DU-D-RM3 (full time)	

<b>CAO PMB codes</b> -Diploma in Public Administration:	Public Management: DU-P-PM3 (full time)
Supply Chain Management: DU-P-SC3 (full time)	Local Government: DU-P-GV3 (full time)

**PLEASE NOTE:** In PMB the number of students who are keen to enrol will determine the viability of each specialisation.

## Higher Certificate in Public Relations and Communication NQF 5

### Location

ML Sultan Campus (B Block: 7th Floor)

### Description of the Programme

The Higher Certificate in Public Relations and Communication is designed to enhance the employability of students by equipping them with basic public relations and communication knowledge and skills, which will enable them to occupy entry-level/junior or support positions in both the private and the public sectors.

### Duration of the programme

One year full-time.

### Tuition Fees

**PLEASE NOTE:** The fees for 2020 are not yet finalized, please contact the Department

## Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Higher Certificate Entry</b>		A Senior Certificate or equivalent Qualification		
<b>A minimum of 22 points (excluding Life Orientation) will be considered</b>		A minimum of 20 points will be considered		
<b>Compulsory Subjects</b>	<b>NSC Rating Code</b>	<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	4			

**OR**

### NCV Level 4

With English at 50%

If the number of applications exceeds the number of spaces available, the department reserves the right to apply a ranking system to select students. Selection processes may be applicable.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Business Communication and Information Literacy

Financial Literacy

Introduction to Technology

Cornerstone 101

#### Semester 2

Event Management

Fundamentals of Writing for Media

Introduction to Public Relations and

Communication Introduction to

Public Relations Media

**Closing Date for Applications: 30 November 2019**

**CAO Codes:** DBN: H/C -DU-D-HPR

PMB: DU-P-HPR

# Diploma in Management Sciences: Public Relations and Communication Management

## Location

ML Sultan Campus (B Block: 7th Floor)

## Description of the Programme

Public Relations is a strategic communication process used to help forge effective two way communication between an organisation and its various publics. Communication and/or Public Relations Practitioners are responsible for planning and executing programmes to establish and maintain a favourable image for their employer among the public or groups with which it comes into contact. This communication may be face-to-face with individuals or through the mass media of radio, television, press and the Internet. Public Relations/Communication Practitioners are equipped with various skills such as writing, speaking, research and establishing relationships, all of which are important to any job so students graduate prepared with real-world skills. Public Relations plays a crucial management role in various organisations for example: government, education, non-profit, politics, the arts, financial, mining, manufacturing and hospitality.

## Personal Qualities Required

The Public Relations/Communication Practitioner should have a broad general interest in the world around him/her, be able to remain calm under pressure and have strong communication skills. Honesty, integrity, dedication, passion, creativity, patience, intellectual curiosity and discipline are some of the essential qualities for a successful career in the Public Relations/Communications field.

## Duration of the programme

The programme consists of a three-year full-time study period inclusive of work-based learning in the public relations/communication or related field.

## Career opportunities

Public Relations Practitioner, Media Officer, Events Manager, Communication Officer, Promotions Officer, Strategist, Fund Raiser, Social Media Strategist, Digital Account Manager, Brand Manager, Copywriter, Corporate Communications.

## Entry Requirements

Applicants wishing to enrol for the Diploma in Management Sciences: Public Relations and Communication Management at the Durban University of Technology are required to have current Matric National Senior Certificate (NSC) NQF4 equivalent qualification, with a minimum of 25 points excluding Life Orientation.

The following admission rating system will be used in selection students:

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry</b> A minimum of 25 points excluding Life Orientation will be considered		A Senior Certificate or equivalent qualification. <b>Applicants with 20 or more points will be considered</b>		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English (1st Language) <b>OR</b>	E	C
English (1st additional)	4	English (2nd Language)	D	B
Maths <b>OR</b>	3	Mathematics	E	C
Maths Lit	4			
And two 20 credit subjects (not more than one language)	3			

If the number of applications exceeds the number of spaces available, the department reserves the right to apply a ranking system to select students. Selection processes may be applicable.

## OR

A National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and Training with a) at least 50% in three fundamental subjects, including English; and b) at least 60% in three compulsory vocational subjects

## Selection criteria for this programme.

Applicants must meet the minimum requirements mentioned above. NSC and NCV applications received via the Central Applications Office (CAO) will be scored and ranked from highest to lowest points. Based on these rankings, those learners with the highest points will be offered a firm place; the learners who have applied with their grade 11 and / or Midyear Grade 12 results may be offered a conditional place subject to them meeting the requirements mentioned in above. Preference will be given to learners from designated groups.

This programme will only consider applicants who rank this programme as choice 1, 2 or 3.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

#### Semester 1

Cornerstone	R2 950.00
Environmental Sustainability	R1 840.00
Quantitative Approaches to Management	R1 850.00
Introduction to Business Law	R3 690.00
Introduction to Business	<u>R3 690.00</u>
<b>Total</b>	<b><u>R14 020.00</u></b>

#### Semester 2

Time & Stress Management	R1 850.00
Law for Life	R1 850.00
Business Communication & Info. Literacy	R3 690.00
Financial Literacy	R2 710.00
Academic Literacy & Practice	<u>R3 690.00</u>
<b>Total</b>	<b><u>R13 790.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone:** **DBN** (031) 373 5277  
**PMB** (033) 845 8851

**CAO Codes:** **DBN:** Dip. - DUDMP3  
**PMB:** Dip. - DUPMP3

## Higher Certificate in Retailing NQF5

### Location

ML Sultan Campus (B Block: 7th Floor)

### Description of the programme

The Higher Certificate in Retailing aims at contributing towards meeting the needs of commerce and industry for employees at entry-level/junior or support positions with basic retail management knowledge and skills, thereby contributing to the socio-economic growth and development in South Africa. Upon completion of the Higher Certificate in Retailing, students will be able to articulate into DUT's CHE accredited Diploma in Management Sciences, with a specialisation in Retailing, or into other Diploma programmes offered by DUT or other higher education institutions

### Career Opportunities

The programme is designed to enhance the employability of students by equipping them with basic retail management knowledge and skills, which will enable them to occupy entry-level/junior or support positions in retail organisations. Upon completion of the programme, students will be equipped with the appropriate knowledge and skills to work as sales assistants/personnel, customer service personnel, merchandisers, personal assistants/personnel, customer service personnel, merchandisers, personal assistants to store managers, and as administrative staff, e.g., responsible for capturing data and maintaining records.

## Duration

One year Full-time

## Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Higher Certificate Entry</b>		A Senior Certificate or equivalent Qualification		
<b>A minimum of 20 points (excluding Life Orientation) will be considered</b>		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

**OR**

## NCV Level 4

With Communication/English at 50%

## Tuition Fees

**PLEASE NOTE:** The fees for 2020 are not yet finalized. Please contact the Department.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## Curriculum

### Semester One

Business Communication & Information  
Literacy Introduction to Technology  
Financial  
Literacy  
Cornerstone

### Semester Two

Introduction to Retail and  
Merchandise Customer Orientation  
Retail  
Operations  
Sales  
Techniques

**Closing Date for Applications: 30 November 2019**

**CAO Code:** H/C -DU-D-CRE

## Diploma in Management Sciences: Retail Management

### Location

ML Sultan Campus (B Block: 7th Floor)

### Description of the Programme

Retail is one of the fastest expanding sectors in the South African economy, employing one out of every five economically active people. And yet it is not always considered as a career option. Perhaps it is because retailing is such a common part of our everyday lives that it's often taken for granted. Retailing is the sale of goods and services to the ultimate consumer for personal, family or household use. The scope of retail is broad with the result that a career in the field can end up in various areas. Career options range from in-store positions to various alternatives in regional and head offices as well as distribution centres.

The Diploma in Management Sciences: Retail Management programme is ideally suited to anyone who wishes to make a career in retailing. Excellent career opportunities are available in large corporations. A number of retail partners offer excellent scholarships to good candidates.

## Personal Qualities Required

While there are a number of different skills required to be successful in the retail field, people skills can often make an enormous difference. Candidates for a career in retail should also be good communicators, be able to tolerate pressure, have high energy levels, enthusiasm, good organizational skills and be trustworthy, efficient and dependable. A cheerful disposition goes a long way as well and candidates should definitely not be afraid of hard work and long hours!

## Duration of the programme

Three years full-time

## Career opportunities

Most retail companies have opportunities in a number of areas such as store operations, finance and administration, buying and planning, logistics, human resources, marketing and IT.

## Entry Requirements

Applicants wishing to enrol for the Diploma in Management Sciences: Retail Management at the Durban University of Technology are required to have current matric National Senior Certificate (NSC) NQF4 equivalent qualification, with a minimum of 24 points excluding Life Orientation.

The following admission rating system will be used in selection students:

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL REQUIREMENTS	SENIOR CERTIFICATE	
<b>NSC Diploma Entry</b> A minimum of 24 points excluding Life Orientation will be considered.		<b>NSC Rating</b>	A Senior Certificate or equivalent qualification <b>Applicants with 24 or more points will be considered</b>	
<b>Compulsory Subjects</b>	<b>Code</b>	<b>Compulsory Subjects</b>	<b>HG</b>	<b>SG</b>
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	4	Maths	E	D
Maths <b>OR</b>	3			
Maths Literacy	4			
And two 20 credit subjects (not more than one language)	3			

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

### OR

A National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and Training with a) at least 50% in three fundamental subjects, including English; and b) at least 60% in three compulsory vocational subjects

## Selection criteria for this programme.

Applicants must meet the minimum requirements mentioned above. NSC and NCV applications received via the Central Applications Office (CAO) will be scored and ranked from highest to lowest points. Based on these rankings, those learners with the highest points will be offered a firm place; the learners who have applied with their grade 11 and / or Midyear Grade 12 results may be offered a conditional place subject to them meeting the requirements mentioned in above. Preference will be given to learners from designated groups.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester One

Cornerstone	R2 950.00
Environmental Sustainability	R1 840.00
Introduction to Business Law	R3 690.00
Introduction to Business	R3 690.00
Quantitative Approaches to Management	<u>R1 850.00</u>
<b>Total</b>	<b><u>R14 020.00</u></b>

### Semester Two

Law for Life	R1 850.00
Time & Stress Management	R1 850.00
Academic Literacy & Practice	R3 690.00
Business Communication & Info Literacy	R3 690.00
Financial literacy	<u>R2 710.00</u>
<b>Total</b>	<b><u>R13 790.00</u></b>

**Closing Date for Applications: 30 September 2019**

**Telephone: (031) 373 5425**

**CAO Code: Dip. - DUDRB3**

## Higher Certificate in Tourism Management NQF 5

### Location

Ritson Campus (Block D)

### Description of the Programme

Higher Certificate in Tourism is designed to enhance the employability of students by providing them with the basic knowledge and skills pertaining to tourism, which will enable them to occupy junior / entry-level or support positions in the tourism sector.

### Career opportunities

The programme prepares learners for employment in junior/ entry-level or support positions in the tourism sector.

### Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Higher Certificate Entry</b>		A Senior Certificate or equivalent Qualification		
<b>A minimum of 20 points (excluding Life Orientation) will be considered</b>		A minimum of 20 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	3	English	E	D
English (1st additional)	3			

**OR**

### NCV Level 4

With Communication/English 50%

If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

## Tuition Fees

**PLEASE NOTE:** The fees for 2020 are not yet finalized. Please contact the Department

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## Curriculum

### Semester 1

Cornerstone 101

Business

Communication

Numeracy Skills

Introduction to Tourism and Hospitality

Service Excellence for Tourism

### Semester 2

Technology Applications in Tourism

Introduction to Regional Tourism

Geography Foreign Language for Tourism

Introduction to Events

Work Preparedness

**Closing Date for Applications: 30 November 2019**

**CAO Codes:** H/C- DU-D-CTM

## Diploma in Tourism Management

### Location

Ritson Campus (Block D)

### Description of the Programme

The Diploma in Tourism is intended to provide entry-level vocational preparation and applied specialisation in the tourism field. Graduates would be competent in using variety of technical management and practical skills in the daily operations of a tourism establishment. The programme offers a balance of theoretical and practical knowledge and skills, and the inclusion of a work based learning component ensures that qualifying learners are better prepared to enter the world of work. The programme outcome is to ensure that learners meet the needs of both the domestic and international tourism industry.

### Personal Qualities Required

If you feel you are able to contribute to the development of a reputable tourism industry, then tourism needs you. In the process you will need patience, to meet challenges and to work hard, but above all you will be meeting and working with an extraordinary range of people. It will test your initiative, patience and enthusiasm. Ample rewards await the entrepreneur who is passionately enthusiastic about the cultural and environmental heritage of South Africa and able to communicate that passion to paying clients.

### Duration of the programme

This is a three year full-time, contact learning programme. Of this six months are spent in industry. The remaining period is spent on full-time classes and field work.

### Career opportunities

Travel Retailer, Tour Operator, Tour Guide, Tourism Promoter, Tourism Educator, Research and Enterprise.

## Entry Requirements

DEPATMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
<b>NSC Diploma Entry</b>		A Senior Certificate or equivalent Qualification		
A minimum of 26 points (excluding Life Orientation) will be considered		A minimum of 23 points will be considered		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b>	4	English	E	D
English (1st additional)				
Maths <b>OR</b>	2	Maths <b>OR</b>	F	E
Maths Literacy <b>OR</b>	3	Accounting	F	E
Accounting	3			

### OR

### NCV Level 4

With Communication/English at 50% and Maths at 50%/Maths Literacy at 50% or Accounting at 60%  
If the number of applications exceeds the number of places available, the department reserves the right to apply a ranking system to select students.

### Preference will be given to applicants who have (in addition to the above):-

- Proven experience in the Tourism, Hospitality and Food Industries.
- Successfully completed a subject/qualification for the hospitality or catering industries at an FET College or other accredited training organization.
- Successfully completed National Qualification units/levels as recorded by qualified assessors of CATHSSETA.
- Successfully completed an appropriate Further Education and Training certificate at NQF Level 4 or equivalent

## Tuition Fees

**PLEASE NOTE:** Please note that fees are not yet finalized. Please contact the Department.

**PLEASE NOTE:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

### Semester 1

Cornerstone 101

Business Communication and Information

Literacy Service Excellence for Tourism &

Hospitality Fundamentals of Tourism

Management Introduction to Tourism and

Hospitality

### Semester 2

Regional Tourism Geography

Technological Applications in Tourism

Introduction to Tourism

Development Fundamentals of

Tourism Marketing

**Closing Date for Applications: 30 November 2019**

**Telephone:** (031) 373 5508

**CAO Codes:** Dip. - DU-D-DTM

# INFORMATION

## Department of Financial Aid

### Location

1. Durban - Lower Library Complex, Steve Biko Campus
2. Pietermaritzburg - Room HI 10, Riverside Campus

### Core business

The core business of the Department of Financial Aid is to advise students on NSFAS loans and bursaries that are pledged by donors to financially needy and academically deserving students. The Department endeavours to provide the necessary available funds to students who lack the financial resources in the pursuance of their studies.

### Guide for Financial Aid

Financial Aid is granted to full-time registered students only. Students have to be South African citizens. Allocation of funds is based on financial need and academic merit.

Financial Aid is granted subject to the conditions stipulated by donors/sponsors and DUT. Funds allocated to students are credited/paid directly to the student's fee account.

Donors are entitled to a full and detailed account of the administration of their monies.

### NSFAS Loans (National Student Financial Aid Scheme)

NSFAS loans are government loans that are allocated to all tertiary institutions with the proviso that they are awarded to financially needy and academically deserving students.

No Interest on NSFAS loans will be calculated for the repayment of loans.

You will also be expected to make your own/family contribution towards the total costs of your studies. Up to 40% of the loan may be converted to a bursary dependent on your year-end results. Final Year student's loans will be converted to a 100% bursary if all subjects registered are passed.

### Application Process for NSFAS Loans

For Financial Aid application for a DUT programme, please apply online to at [www.nsfas.org.za](http://www.nsfas.org.za) or call the NSFAS call centre on 0800 067 327 or email [info@nsfas.org.za](mailto:info@nsfas.org.za);

For an explanation on how to fill out the application form, please go to [www.nsfas.org.za](http://www.nsfas.org.za) or contact the call centre on the number above.

Please note that completing a form does not guarantee Financial Aid. For further assistance, please consult the Department of Financial Aid on (031)373 2931/2557/2054.

### Closing Date for Application Forms

To be announced by NSFAS towards the end of each academic year. Normally from September to October each year.

### Bursaries

Bursaries are awarded to students in terms of laid down criteria stipulated by donors/ sponsors. Selection of bursary recipients will be based on their financial need, academic potential, field of study, etc.

### Advertising of Bursaries

When donors pledge funds to DUT, such funds will be advertised on the following Notice Boards:-

- Department of Financial Aid
- Targeted Academic Departments
- Faculty Offices
- Department of Finance

## **DUT Scholarship policy administered by Department of Finance**

### **1. Undergraduate Scholarship: For New Students (First Academic Period)**

This award is made to first year full-time South African students who have obtained excellent results in the National Senior Certificate in the preceding year which takes the form of a tuition fee remission as follows:

- 1.1 A new student who has obtained a National Senior Certificate with an aggregate of 80% or higher shall qualify for a 100% remission of tuition fees for the first year of registration (subject to 1.3 below).
- 1.2 A new student who has obtained a National Senior Certificate with an aggregate of between 70% - 79% shall qualify for a 50% remission of tuition fees for the first year of registration, (subject to 1.3 below).

#### **Important Notes**

- 1.3 The calculation of the aggregate percentage is made by the DUT, and is based on the sum total of the percentages achieved for individual subjects (excluding Life Orientation) divided by the total number of subjects taken. Where a student has taken more than seven subjects, the aggregate percentage of the six highest subjects (excluding Life Orientation) is calculated. The final aggregate percentage is not rounded off under any circumstances.
- 1.4 Only students who have obtained the National Senior Certificate in one sitting qualify for this award. Subjects for whom 'exemptions are granted towards the National Senior Certificate will not be eligible for this award. Matriculants who took a gap year/s after their final school year will not be considered for this award.
- 1.5 Should a recipient of the scholarship withdraw from studies in the year for which the scholarship is granted, the full scholarship becomes payable to the Institution.
- 1.6 Students who require and obtain exemption/s for admission to a DUT programme will not be eligible for this award.
- 1.7 The award is made for the first and only undergraduate study (e.g. one diploma only)

### **2. Undergraduate scholarship award scheme for returning students after Year 1/Semester 1**

This award is given to full-time, second and later year/semester South African students who obtain excellent results in the various levels of undergraduate study, and takes the form of a tuition fee remission as follows:

- 2.1 A returning student who achieved distinctions as final results for all subjects for the previous year/level of study on the first attempt, and provided that the full curriculum was taken and passed, shall qualify for a full remission of tuition fees for the subsequent higher level of study.
- 2.2 A returning student who has achieved an overall pass with distinction (average of 75% and above incl. rounding off) for the previous year/level of study on the first attempt and provided that the full curriculum was taken and passed, shall qualify for a 50% remission of tuition fees for the subsequent higher levels of study.

**NB: Performance in the Experiential Training Component is not considered in the above cases.**

#### **Explanatory Notes**

- 2.2.1 The term 'subsequent level of study' as used in this policy, shall mean:
  - the subsequent year of study, if the student is pursuing an annual programme of study.
  - the first semester following the final examination in which the student obtained the qualifying distinctions/overall pass with distinction for all the subjects, if the student is pursuing a semesterised course of study.
  - (To qualify for the remission of fees for the second semester, the student must achieve the qualifying distinctions/overall pass with distinction for all the subjects in the first semester).
  - The semester following the co-operative education or experiential training component, in the event that a student is placed in industry for this purpose at the beginning of the year/semester following the final examination in which the student obtained the qualifying distinctions/overall pass with distinction for all institutional offerings.
  - Should a student achieve the qualifying distinctions/overall pass for the third year or final

semester of the national diploma, such a student is entitled to a remission of fees for the B Tech programme for that year/semester provided the student registers for the full curriculum of the B Tech programme on a full time and part-time basis.

**PLEASE NOTE:** A B Tech student who registers for part of the programme i.e. part-time over two years is only entitled to the remission of the part-time tuition fees for the first year/semester of study if he/she qualified for the award in his/her third year/semester.

For students who receive qualifying distinctions/overall pass with distinction for all subjects in the B Tech programme, the student is advised to contact the Research Department to enquire about further incentives for the M Tech programme.

- 2.2.2 Should the student register for a combination of semester and annual subjects in the subsequent level of study, the remission shall apply to the annual subjects and to the first semester of the subsequent level of study only.  
(To qualify for the remission of fees for the second semester, the student must achieve the qualifying distinctions/overall pass with distinction for all the subjects in the first semester.)
- 2.2.3 The onus is on the student to establish whether he/she qualifies for a remission of fees at the time of student registration.
- 2.2.4 Exemption' subjects do not qualify for the purposes of determining whether a full curriculum is taken, whether such exemptions are granted from the DUT or any other institution.
- 2.2.5 Should a recipient of the scholarship withdraw from studies in the year/semester for which the scholarship is granted, the full scholarship becomes payable to the Institution.

### 3 Dean's Merit Award

The Executive Dean will issue a Merit Certificate per qualification on condition that the incumbent has received the qualification with *Cum Laude* and the incumbent is the best performing student in that qualification. There will not be any money award but only one monetary award will be given to the best performing student in the Faculty.

### 4 Vice-Chancellor's Award

This scholarship is awarded at the discretion of the Vice-Chancellor, not necessarily to top academic achievers, but to new students who have obtained good passes in the NSC examination, despite personal circumstances.

This scholarship will be limited each year, and shall usually take the form of a remission of tuition fees for the first year of study only, except that in deserving cases, this may be reviewed.

### 5 Dux Award

This scholarship is awarded to the recipient of the Dux/Top Matriculant at each school. The applicant has to satisfy the entry requirements for the programme applied for:

This award takes the form of a remission of tuition fees for the first year of study only. Further remissions will be subject to the criteria identified for second and later year students (see 2 above)

Written proof on a school letterhead, of being a Dux recipient, bearing the signature of the school principal and the official stamp of the school must accompany all applications. **NB:** The remission of fees for each of the awards detailed above excludes any additional costs e.g.: breakages, experiential training etc.

### 6 Merit Award for Students Who Receive Other Bursaries or Scholarships

- 6.1 The onus is on the student to declare the receipt of any outside bursaries/loans when applying for a DUT scholarship in the first instance. Failure to do this could result in any future scholarship awards payable to the student being forfeited.
- 6.2 The remission of fees as described in the above awards does not apply to students who are in receipt of any scholarship or bursary (including NSFAS loans and bursaries), which covers the full amount that the student qualifies for in terms of this policy and which is ear-marked for the payment of tuition fees. A merit award is made however, to such students who otherwise meet the criteria for a DUT scholarship award, and this shall take the form of:

- 6.2.1 A voucher for the sum of R500 for the purchase of academic textbooks, for: second and later year /semester students who achieve an overall pass with distinction (average of 75% and above); first year/semester students who obtain a matriculation endorsement with an aggregate of 70%  
- 79% in the NSC examination.
- 6.2.2 A voucher for the sum of R800 for the purchase of academic textbooks for: second and later year/semester students who achieve a distinction (75% and above) for each of the subjects for the year of study;  
First year/semester students who obtain a matriculation endorsement with an aggregate of 80% or higher in the NSC examination.
- 6.2.3 If the student qualifies for a 100% remission of tuition fees and receives another bursary or scholarship that is less than the amount the student would have qualified for in terms of the student incentive scheme, the DUT shall grant a remission of fees for the difference. If the difference is less than the book voucher, the student will qualify for the book voucher of R800.
- 6.2.4 If the student qualifies for less than 100% remission of tuition fees, viz 50% and receives another partial bursary, the DUT shall grant a remission that is not more than the amount the student would have qualified for this shall also be limited to the difference between the full tuition fee payable and the bursary received by the student (Top up).

Should you require further information, kindly contact the Department of Finance: Durban - Tel: 031 373 5164/5248 or Pietermaritzburg - Tel: 033 845 8822/8832

# Residence Accommodation:

## Department of Student Housing and Residence Life

### Mission Statement

Student Housing, as a component of the Student Services Division, is in support of the division's philosophy of being concerned with the overall welfare, development and educational success of our students. In doing so, Student Housing undertakes to provide limited accessible, affordable accommodation conducive to learning in a safe and healthy environment, whilst providing opportunities for residence student empowerment and advancement.

Our interests and concerns are to ensure that the personal, social and academic development of students is achieved through participation in proactive programmes which address current issues and problems, as well as assisting in the individual's adjustment to the community at large. We shall do this by taking an active interest in the academic progress of students in residence and providing the necessary support or proper referrals on serious issues affecting students. We shall encourage community involvement and participation in the empowerment and advancement of a residence student at the Durban University of Technology.

### Residences

The Durban University of Technology owns nine residences which are located within walking distance of the Durban campus and in the central Durban district and the Indumiso campus in Pietermaritzburg.

**Alpine Road is situated at Overport** approximately 8 km from the main campus and within walking distance of Brickfield Road Campus. It has a total capacity of 231 students both male and female in single sleepers.

Address 300 Alpine Road, Overport,  
Durban 4001

Telephone: 031 —2078424

**Baltimore Flats is situated on the beachfront area of Durban** and is approximately 5 km from the main DUT campus. It has a capacity of 286 students in the following room profiles: 2-sleeper, 3-sleeper and 4-sleeper sharing rooms.

Address 10 Anton Lembede (Smith) Street,  
Durban 4001

Telephone: 031 - 3379946

**Berea Residence is situated on the Steve Biko Campus** and is a catering residence that accommodates male and female first year students. It has a total capacity of 315 students with single and double sleepers.

Address Gate No 5, Steve Biko Campus, 79 Steve Biko Road,  
Durban 4001

Telephone: 031 - 3732193 and 3732722

**Campbell Hall is situated at 23 James Henderson Crescent, Glenwood** and is approximately 2 km from the main DUT Durban campus - a catering residence that accommodates 148 male and female students.

Address 23 James Henderson Crescent,  
Glenwood 4001

Telephone: 031 - 2056379

**Corlo Court is situated at 18 Heswall Road, Berea**, approximately within walking distance from the Steve Biko Campus. This is a self-catering residence and its capacity is 93 which accommodates male, female and mature students doing post graduate studies.

Address 18 Heswall Road,  
Durban 4001

Telephone: 031 – 2019155

**Hertine Court is situated in the Albert Park area** and is approximately 4km from the main campus and is within walking distance to the City Campus. The total capacity of the residence is 162 students both male and female. It has 2-sleeper and 4-sleeper rooms and is self-catering.

Address 128/132 St. Andrew's Street,  
Durban 4001

Telephone: 031 - 3042444

**Stratford Hall is situated on the Steve Biko Campus** and is a catering residence that accommodates 149 senior male students. It has single rooms.

Address Gate No 5, Steve Biko Campus, 79 Steve Biko Road,  
Durban 4001

Telephone: 031 – 3732187

**Student Village is situated on the Steve Biko Campus** and accommodates 70 males, female and mature students. This is a self-catering residence and is only available to graduate students.

Address Gate No 5, Steve Biko Campus, 79 Steve Biko Road,  
Durban 4001

Telephone: 031 - 3732784

**Walsingham Hall is situated at 31 Currie Road, Berea** and accommodates 108 female students and is less than 1km walking distance from the Steve Biko Campus

Address 31 Currie Road,  
Durban 4001

Telephone: 031 - 2018549

**Indumiso Residences on Indumiso Campus, FJ Sithole Road, Imbali Location**, with catering and self-catering facilities for all students who may be attending at the Riverside or Indumiso Campuses and it accommodates 1242 males and females.

Address FJ Sithole Road, Imbali Location, PO Box 10112,  
Scottsville

Telephone: 033 - 845 9007

## How to Apply for Residence

### Returning Students

All returning residence students and currently registered students are able to apply for the following year using the online system at DUT's computer labs and internet cafes or services. The October month is usually set aside for online application. Students who are doing in service training or returning to DUT must apply by either phoning the department or emailing details of their postal address to request an application form, which must be accompanied by an application fee.

### First time applicants

First time applicants must indicate on the CAO application whether they will require accommodation during their study period. Those that require housing will receive an application form upon acceptance from the Department of Student Admissions. The completed housing application form is to be returned to Student Admissions. Please note only individuals who are 50kms away or more from the University qualify for accommodation

**Please Note: Accommodation is not guaranteed due to limited space.**

### Contact Details

#### Durban:

Snr Officer: Mrs Indira Khiramen

Tel: 031 373 2494

Email: [indirak@dut.ac.za](mailto:indirak@dut.ac.za)

Admin Officer: Ms Nomaledi Ndlungwana

Tel: 031 3732492

Email: [nomalediz@dut.ac.za](mailto:nomalediz@dut.ac.za)

Admin Officer: Ms Lihle Zwane

Tel: 031 373 2217

Email: [preciousz@dut.ac.za](mailto:preciousz@dut.ac.za)

#### Midlands:

Manager: Mr. Phumlani Mnyango

Tel: 033 845 9011

Email: [ReginaldMI@dut.ac.za](mailto:ReginaldMI@dut.ac.za)

Admin Assistant: Ms Vuyolwethu Kili

Tel: 033 845 9007

Fax: 033 398 0518

Email: [VuyolwethuK@dut.ac.za](mailto:VuyolwethuK@dut.ac.za)

# Student Counselling and Health Centre

## Departmental Contact Details:

Department Name: Department of Student Counselling and Health  
Postal Address: PO Box 1334 Durban, 4000(DBN) P O Box 101112, Scottsville, 3209

### COUNSELLING

Lower Floor  
Library Complex  
Steve Biko Campus (Steve Biko Road)  
(Next to Financial Aid)  
(031) 373 2260 (DBN)  
(033) 845 8809(PMB) - (031) 373 2679 (DBN)

### Career Resource

Lower Library; Steve Biko Campus (Next to Financial Aid)  
(031) 373 2568 (DBN)  
(033) 845 8811 (PMB)

### Health Clinic

Gate 5, Steve Biko Campus, (Opposite. Sports Centre)  
(031) 3732571(DBN) - (031) 373 2223 (DBN)

### HIV/AIDS Centre

Open House (DBN)  
Telephone: (031) 373 2266 (DBN)  
(033) 845 8900/8808/8912 (PMB)

## Department of Student Counselling and Health

### An Overview:

The Department of Student Counselling and Health offers the following services to promote and support student mental and physical health: The Student Counselling Centre; the Careers Resource Centre; the Isolempilo Campus Health Clinic; the HIV/AIDS Centre. The primary purpose of the department, as a whole, is to provide critical, high quality psycho-social, emotional, academic and medical support services to students to prepare them for the world of work and society.

### Mission Statement:

To provide high professional primary Health, Counselling and Development services that help to prepare students for the world of work and society.

### Role and Function of the Department:

The **Student Counselling Centre** is dedicated to providing students with support for any academic, social, personal, vocational and developmental difficulties they may experience. The Centre also focuses on psycho-educational training and advocacy issues that impact on student psycho-social development.

The **Careers Resource Centre** provides information on courses, careers, jobs, bursaries and companies and offers technical support for CV writing and job applications.

The **Campus Health Clinic** provides a wide range of primary health care services as well as HIV/AIDS Counselling and Testing and a Wellness Clinic for management of HIV Positive persons. The clinics also focus on health education, promotion and advocacy.

The **HIV/AIDS Centre** is a base for HIV/AIDS information and campus awareness programmes. The Centre also hosts support groups and facilitates training for peer educators.

## Services:

### Student Counselling Centre:

The Student Counselling Centre is staffed by professional psychologists who offer a range of confidential services designed to assist students with their personal, relational, academic and vocational needs.

These include:

#### Individual Counselling:

- Individual counselling and therapy for a range of personal, relational and academic problems
- Crisis counselling and intervention
- Counselling is also available at City and Brickfield Campus. Please contact the Student Counselling receptionist on Steve Biko Campus to book. The contact number is 031 373 2266. Please remember to specify which campus you would like to be seen on.

#### Career Counselling:

- Career guidance and course information for prospective students
- Career support and development for registered students
- Career Decision-Making Programme (a comprehensive career assessment battery that will assess all aspects of career decision-making)

#### Academic Counselling and Support:

- Study skills counselling for test and exam preparation

#### Life skills Development and Training:

- A variety of training programmes are offered to enhance the academic, career and personal development of students at strategic times of the year. The programmes include:
- Work Preparation Skills
- Leadership Development
- Personal Development
- Study Skills

#### Advocacy:

Each year the Student Counselling Centre identifies a pertinent psycho-social issue that impacts on students and coordinates a campus-wide campaign to raise awareness. Previous campaigns include:

- AIDS Awareness Campaign
- Women's Day Campaign
- Mental Health and Wellness Day

#### How do I book an appointment?

In order to access the Student Counselling Centre either contact the department telephonically on +27 31 373 2266 and book an appointment or pop-in and make enquiries directly.

#### Career Resource Centre:

The Career Resource Centre is a unique library that is dedicated to the housing of updated and current career-related information. Its primary role is to provide critical support to registered and prospective students in their pursuit of employment. As such the services include:

- Specialised career information
- National and International courses and qualification
- Bursary and scholarship information
- Work skills information
- Company information
- Economic and job market information
- Computer access for CV writing
- E-mail and internet access for job information and applications

## How do I book an appointment?

There is no need to book an appointment. Rather just pop-in and use the services on a needs basis.

## Campus Health Clinics:

### There are four Campus Health Clinics viz;

- Isolempilo Campus Clinic (Steve Biko Campus), Gate 5, opposite Sports Centre
- Ritson Campus Clinic (Ritson Campus), Next to Hotel School Restaurant
- Brickfield Campus Clinic (Brickfield Campus), Second Floor, Room GB0302A
- City Campus Clinic (City Campus), Next to Library
- The Campus Health Clinics are staffed by professional nurses, HIV Lay Counsellors and Medical doctors, whose primary purpose is to assist student medically in a professional and confidential manner. Effective health care requires a balance between preventive and curative services which are accessible to all students, with the availability of essential medicines. The Campus Health Services promote individual responsibility for Health, Preventive Care and Informed decision making. The wide range of medical services offered by the Clinic includes:
- Primary Health Care
- Tuberculosis Screening and follow up treatment
- Emergency Services in partnership with Citimed Ambulance
- Treatment of Sexually Transmitted Infections (STI's)
- Sexual and Reproductive Health
- Contraceptive pills and injectable, Subdermal Implants (Impanon), male and female Condoms and Dental Dams, Finger Cot, emergency contraception and referral for termination of Pregnancy
- Pap Smears
- Post Exposure Prophylaxis (PEP)
- Rape Management and Appropriate referral
- Medical Male Circumcision
- Vaccinations (Hepatitis and B)
- HIV/AIDS Counselling and Testing
- Assist students with projects and Assignments.
- Assist with placement of DUT In-service Student (WIL).
- Health Talks on DUT Radio.
- Support for Long-Term Treatment including HIV Management. (CD4 done every 6 months at the clinic)
- Health Education & Awareness Campaigns
- Outreach Programmes Referrals to and from other Institutions

## How do I book an appointment?

- Isolempilo Campus Health Clinic-+27 31 373 2223 or stop by and make enquiries directly.
- Ritson Campus- Telephone +27 31 3736010
- City Campus Clinic-+27 31 3736002
- Brickfield Campus- +27 313736011 Walk in, no appointments

## HIV/AIDS Centre:

The purpose of the HIV/AIDS Centre is threefold: firstly, to transform the DUT community into an HIV/AIDS competent community through effective knowledge and skills; secondly, to create a supportive and caring environment for people infected and/or affected by HIV/AIDS and thirdly, to develop an HIV/AIDS policy which addresses the human rights and dignity of people infected and affected by HIV/AIDS.

## The objectives of the HIV/AIDS Centre are to:

- Review and lead policy development and implementation
- Organise public events on campus to raise awareness on issues relating to HIV/AIDS
- Provide expert knowledge, information and advice on HIV/AIDS issues to the DUT community through consultation
- Communicate key issues to the DUT community utilising existing social marketing and peer educators

## **The range of services offered by the Centre includes:**

- HIV/AIDS policy development for the Institution
- The formulation of an HIV/AIDS Committee
- Providing HIV/AIDS education through the Peer Education Programme, during Orientation Week and by running awareness campaigns throughout the year
- Providing care and support for infected students through the running of support groups and the provision of ongoing counselling for those in need
- Encourage and facilitate HIV integration into DUT curriculum
- Online forum discussion
- Referral
- Promoting HIV/AIDS related research
- Creating database for teaching, community outreach and HIV/AIDS research at DUT

## **How do I book an appointment?**

In order to access the HIV/AIDS Centre either contact the department telephonically on +27 31 373 2260 and book an appointment or pop-in and make enquiries directly.

## **Student Counselling & Career Resource Centre**

**Location:** Lower Library Complex, Steve Biko Campus, next to financial Aid

**Opening Times and Contacts Numbers:** Student Counselling and Careers Resource Centre

Mon-Thurs: 8h00-16h30

Fri: 8h00-15h00

Tel: (031)373 2266 (Student Counselling Centre Reception Desk) Tel: (031)373 2571 (Career Resource Centre)

All our services are free of charge for all registered DUT students. Only Career Counselling and Course Information is offered for free to prospective student (non-registered DUT students).

- Individual counselling for personal and relational issues
- Professional Assessment Services —psychological and career
- Individual supportive counselling for chronic illness
- Individual career counselling (**available for free to prospective students**)
- Individual study skills counselling
- Psychological crises/ emergency
- Life skills and personal development workshops
- Academic study skills and workplace preparation workshop
- Leadership development
- Peer Helper and mentor training
- Student Mentorship
- Golden Key International Honour Society —DUT Chapter
- Student Project Supervision
- Academic advocacy
- Time Concessions/ Other forms of concessions
- Food Security Screening
- Psycho-education
- Self Help information on a wide range of topics is available at our reception
- Radio DUT: “All About You” Feature: Tune in every Thursday from 12:15 —13:00

**NB: SCC services are limited to psychotherapy and supportive counselling. Forensic/psycho-legal work is beyond our scope at DUT.**

**Careers Resource Centre (within the Student Counselling Centre)**

**Services rendered are:**

- Information on different career choices
- Company profiles, addresses and annual reports
- Information on educational institutions locally and internationally
- Information on bursaries
- Economic and job market information
- Job search information
- Assistance with CV writing

- Interview Skills and preparation
- Access to computer for CV writing
- Email and internet access for job information

# Application for Academic Admission

**PLEASE NOTE:** The dates listed below are closing dates by when application forms must be returned to the CAO unless otherwise stipulated for specific programmes. Please refer to specific programmes for their relevant closing dates. Applications must be received before those dates and not the dates indicated below.

All applications must be accompanied by the relevant documentation as listed in the checklist on page 4 of the CAO Application form.

## PAYING YOUR APPLICATION FEE

### APPLICATION FEE (Not Refundable)

APPLICATION FEE	To start studies in January 2020			To start studies in July 2019			To start studies in July 2020		
	Date	SA Citizens	International applicants	Date	SA Citizens	International applicants	Date	SA Citizens	International applicants
If form and fee reach us on or before	31 Oct 2019	R 245.00	R 300.00	31 May 2019	R 245.00	R 300.00	31 May 2020	R 245.00	R 300.00
If form and fee reach us on or after	01 Nov 2019	R 465.00	R 575.00	01 June 2019	R 465.00	R 575.00	01 June 2020	R 465.00	R 575.00
Any request to add, change or renumber programme choices will incur a "change of Mind" Fee of R 135.00									

Citizens of other countries must pay the international fee if they do not have permanent residence in South Africa or refugee or asylum seeker status recognised by the Department of Home Affairs.

*All monies must be paid in South African rands*

### Ways of paying the CAO application fee

Payment option	Where payment can be made	Payment type accepted
<b>EASYPAY</b> * Preferred payment option*	Pick n Pay, Checkers, Shoprite, Woolworths or any store displaying the EasyPay sign.	Cash, Debit or Credit Card
<b>Paying online by Credit Card</b>	Visit <a href="http://www.cao.ac.za">www.cao.ac.za</a> Click on 'My Application', enter your CAO or ID number and follow the prompts.	Credit Card Payment <b>ONLY</b>
<b>Credit or Debit Card payment</b>	At the CAO Office. Gate 11, UKZN, Mary Thiphe Street, Cato Manor, Durban	Credit or Debit Card

### Manual application form to be sent to:

#### Central Applications Office (CAO)

Website: [www.cao.ac.za](http://www.cao.ac.za)

Postal Address: Private Bag X06 Dalbridge 4014

Physical Address: Gate 11, Central Services Complex-UKZN, Mary Thiphe Street, Cato Manor, Durban

Tel: (031) 268 4444/086 086 0 226

Fax: (031) 268 4422/086 622 8828

Email: [enggeneralcao@cao.ac.za](mailto:enggeneralcao@cao.ac.za)

### POSTGRADUATE APPLICATIONS (e.g. Advanced Diploma, Postgraduate Diploma, Master's and Doctoral Degrees)

Contact the Department of Research & Postgraduate Support

Telephone: +27 31 373 2577

Email: [postgrad@dut.ac.za](mailto:postgrad@dut.ac.za)

Address: Steve Biko Campus, Tromso Annexe

### INTERNATIONAL APPLICATIONS

Contact the Department of International Education and Partnerships

Telephone: +27 31 373 5484/5112/5422

Email: [International@dut.ac.za](mailto:International@dut.ac.za)

Address: 7<sup>th</sup> & 8<sup>th</sup> Floor, D block, ML Sultan Campus

## For further information

Contact the Department of Student Admissions: Durban University of Technology

Student Admissions

P O Box 1334, DURBAN 4000

Website Address: <http://www.dut.ac.za>

Tel: 031 373 5005

Email: [info@dut.ac.za](mailto:info@dut.ac.za)

### **CAMPUSES:**

#### **Steve Biko Campus**

70 Steve Biko Road, Durban Phone: (031) 373 2000

#### **ML Sultan Campus**

41/45 M L Sultan Road, Durban Phone: (031) 373 2000

#### **City Campus**

Corner Smith Street,

Warwick Avenue and Berea Road, Durban Phone: (031) 373 2000

#### **Brickfield Campus**

96 Felix Dlamini Road, Overport, Durban Phone: (031) 373 2000

#### **Ritson Campus**

7 Ritson Road, Durban Phone: (031) 373 2000

#### **Indumiso Site, Midlands Campus**

F.J. Sithole Road, Imbali,

Pietermaritzburg

Phone: (033) 845 8800 Fax: (033) 845 8885

#### **Riverside Site, Midlands Campus**

Aberfeldy Road, Scottsville

Phone: (033) 845 8800 Fax: (033) 845 8885

*Produced by Department of Student Admissions*

### **PLEASE NOTE:**

This brochure is for information purposes only and is not binding on the Durban University of Technology.



