

Career Information

Bachelor of Health Sciences in Dental Technology

Location

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 (BHS) Degree in Dental Technology. After obtaining a BHS 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.

Entry Requirements

DEPARTMENTAL REQUIREMENTS		NSC	DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
Compulsory Subjects		NSC Rating Code	Exemption or equivalent qualification		
English (home)	OR	4	Compulsory Subjects	HG	SG
English (1st additional)			English	C	B
Physical Science		4	Mathematics	D	B
Maths		4	Physical Science	D	B

NCV ENTRY REQUIREMENTS

NCV Level 4

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

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:

- 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
- A conditional certificate of exemption from the Matriculation Board (when in possession of the Senior Certificate (SC)); OR has met
- 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.

- The person's application for admission in terms of with 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.

Additional Entry Requirements: Students have to attend and complete a series of pre-admission tests such as theory and manual dexterity tests and interview.

Final selection of students are done after completion of the various pre-admission tests. Prior to the the various preadmission tests, applicants are expected to visit a commercial dental laboratory. The earlier applications are received the better the chances of selection. The final closing date for applications will be 20 September 2019. All International applicants will be considered individually upon application.

Extended First Year Programme

A one year extended first year programme is offered for those students who, after completing the various pre-admission tests, 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

Programme Costs (First Year):

Tuition fee	
Personal equipment	+/- R15000
Consumables (materials required for dental Practical's for each year of study)	R5 387.90
Prescribed books	R2 500

Tuition Fee

Please Note: Fees are not yet finalised, please contact Department

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

Second Year Curriculum

Advanced Knowledge of Dental Anatomy and Morphology
Dental Materials Science II
Prosthetics II
Crown & Bridge II
Orthodontics II
Dental Law & Ethics
Principles and Practices of Research I
Faculty General Education
Institutional General Education Writing

Third Year Curriculum

Removable Prosthodontics I
Crown & Bridge III
Orthodontics III
Prosthetics III
Dental Materials Science III
Research Methods & Techniques II
Dental Business Management Studies I
Cornerstone 101
Faculty General Education

Fourth year Curriculum

Dental Laboratory Practice
Removable Prosthodontics II
Prosthetics IV
Crown and Bridge IV
Orthodontics Dental Materials Science IV
Health Business Studies II
Dental Laboratory Practice
Principles and Practices of Research Methods III
Dental Business Management Studies II

Closing Date for Applications: 20 September 2019

CAO Code: BHSc – DU-D-DTE

FOR FURTHER INFORMATION

Department of Dental Sciences
Durban University of Technology
P.O. Box 1334
DURBAN 4000
Tel: (031) 373 2044
Email: dentalciences@dut.ac.za

APPLICATION FORMS

Contact the Central Applications Office (CAO)
Address letters to:
Central Applications Office
Private Bag X06
Dalbridge 4014
Tel: (031) 2684444
Fax: (031) 2684422
Internet: <http://www.cao.ac.za>



CAREER INFORMATION

BACHELOR OF
HEALTH SCIENCES IN
**DENTAL
TECHNOLOGY**

01 JANUARY - 31 DECEMBER 2020

2020