



CAREER INFORMATION 2022

BACHELOR OF HEALTH SCIENCES IN DENTAL TECHNOLOGY



01 JAN - 31 DEC 2022



Bachelor of Health Sciences in Dental Technology

NQF Level: 8

SAQA ID: 94626

Qualification Code: BHSDT I

Location: Gate no. 8, Ground Floor, Ritson Campus

Description of the Programme

The work entails the manufacture of dentures (both metal and Acrylic), crown and bridge, orthodontic devices and maxillofacial prostheses. The manual skills and performance expected from a dental technician is very high due to the detailed work that is involved. Of equal importance, a high level of responsibility and accuracy is required from a dental technician as the dental artefacts 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.

With its modern facilities, the Durban University of Technology is able to offer a high level of teaching to train students for the rigorous demands of a specialised field. Students will register for a four-year Bachelor's Degree in Dental Technology. After obtaining this BHS in Dental Technology, the graduate is registered with the South African Dental Technician's Council as a dental technologist. This entitles one to work as a dental technician employee or employer.

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.

Some artistic ability, good modelling skills and 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

As a Dental Technologist, you may be employed by a commercial dental laboratory, state health services or a dentist. You may also open and own a Dental Laboratory. In addition, the Bachelor's Degree in Dental Technology is recognised and accepted internationally.

Explanation of Points scale:

SENIOR CERTIFICATE (SC)

SYMBOL	HIGHER GRADE	STANDARD GRADE
A	7	6
B	6	5
C	5	4
D	4	3
E	3	2
F	2	1

NATIONAL SENIOR CERTIFICATE (NSC)

%	LEVEL	POINTS
80-100%	7	7
70-79%	6	6
60-69%	5	5
50-59%	4	4
40-49%	3	3
30-39%	2	2
0-29%	1	1

Entry Requirements (BHSC in Dental Technology)

NATIONAL SENIOR CERTIFICATE (NSC) (01 JANUARY 200*)		SENIOR CERTIFICATE (SC) (PRE 2009)			NATIONAL CERTIFICATE (VOCATIONAL) (NCV)	
NSC DEGREE ENTRY		SC WITH MATRIC EXEMPTION			NCV LEVEL 4	
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG	Compulsory Subjects	Mark
English	4	English	4	5	English	70%
Mathematics	4	Mathematics	4	5	Mathematics	70%
Physical Science	4	Physical Science	4	5	And FOUR other subjects, only ONE of which can be a language	70%

OR

ADMISSION REQUIREMENTS BASED UPON WORK EXPERIENCE, AGE AND MATURITY

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 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 the commencement of the academic year inclusive of the date of scheduling writing a requisite eligibility assessment.

Tuition Fees

To assist you with your planning, the **2021** 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 **2022** fees are not yet finalised.

First Year Curriculum (BHSC in Dental Technology)

Name of Module	Module Code	HEQSF Level	HEQSF Credits	2021 Fees
Semester One				
Principles and Practices of Dental Technology (Module I)	PPDT111	5	12	R3 460.00
Oral Anatomy (Module I)	INOA111	5	8	R3 460.00
Tooth Morphology (Module I)	ITMO111	5	12	R3 460.00
Dental Material Science I (Module I)	DMTS111	5	8	R3 460.00
Dental Skills Development	DSDT101	5	8	R3 460.00
Chemistry	CHMS101	5	8	R3 260.00
Select One Module (General Education) from the List Below:				
Environmental Awareness for Health Care Professionals OR	EVAH101	5	12	R4 880.00
Personal and Professional Development	PPDV101			
TOTAL				R25 440.00
Semester Two				
Principles and Practices of Dental Technology I (Module II)	PPDT121	5	12	R3 460.00
Oral Anatomy (Module II)	INOA121	5	8	R3 460.00
Tooth Morphology (Module II)	ITMO121	5	12	R3 460.00
Dental Material Science I (Module II)	DMTS121	5	8	R3 460.00
Physics	PSCS101	5	8	R3 260.00
Cornerstone	CSTN101	5	12	R3 260.00
TOTAL				R20 360.00
Total Credits for Semester One & Two			128	
Second Year Curriculum				
Semester One				
Advanced Knowledge of dental Anatomy and Morphology	AKDM101	6	8	R4 000.00
Dental Law and Ethics (Mod I)	DLET111	6	8	R3 460.00
Dental Materials Science II (Mod I)	DMTS211	6	8	R3 460.00
Crown and Bridge II (Mod I)	PPCB211	6	10	R4 000.00
Orthodontics II (Mod I)	PPOR211	6	8	R4 000.00

Prosthetics II (Mod I)	PARP211	6	8	R4 000.00
Research	IRRP111	6	8	R3 460.00
Institutional general education		6	12	R2 040.00
TOTAL				R24 960.00
Semester Two				
Dental Law and Ethics (Mod II)	DLET121	6	8	R3 460.00
Dental Materials Science II (Mod II)	DMTS221	6	8	R3 460.00
Crown and Bridge II (Mod II)	PPCB221	6	10	R4 000.00
Orthodontics II (Mod II)	PPOR221	6	8	R4 000.00
Prosthetics II (Mod II)	PARP221	6	8	R4 000.00
Faculty general education		6	12	R4 890.00
TOTAL				R28 420.00
Total Credits for Semester One & Two			124	
Third Year Curriculum				
Semester One				
Dental Materials Science III (Mod I)	DMTS311	7	8	R3 460.00
Crown and Bridge III (Mod I)	PPCB311	7	8	R4 000.00
Prosthetics III (mod I)		7	8	R4 000.00
Orthodontics III (Mod I)		7	8	R4 000.00
Advanced Removable Prosthetics I (Mod I)	PARP111	7	8	R4 000.00
An Introduction to Principles and Practices of Research (Mod I)	IPPR111	7	8	R3 460.00
Institutional general education			12	R4 000.00
TOTAL				R26 920.00
Semester Two				
Dental Materials Science III (Mod II)	DMTS321	7	8	R3 460.00
Crown and Bridge III (Mod II)	PPCB321	7	8	R4 000.00
Prosthetics III (Mod II)		7	8	R4 000.00
Orthodontics III (Mod I)		7	8	R4 000.00
Advanced Removable Prosthetics I (Mod II)	PARP121	7	8	R4 000.00
An Introduction to Principles and Practices of Research (Mod II)	IPPR121	7	8	R3 460.00
Dental Business Management studies I	HBST101	7	8	R3 460.00
Faculty general education		7	12	R4 000.00
TOTAL				R30 380.00
Total Credits for Semester One & Two			136	
Fourth Year Curriculum				
Semester One				
Dental Laboratory Practice	DLPR101	8	32	R3 460.00
Dental Business Management studies II	HBST201	8	8	R3 260.00
Fundamental Principles and Practices of Research Design and Methodology (Mod I)	FRDM111	8	10	R4 170.00
TOTAL				R10 890.00
Semester Two				
Dental Materials Science IV	DMTS401	8	8	R3 460.00
Crown and Bridge IV (Mod II)	PPCB421	8	8	R4 000.00
Prosthetics IV (mod II)	PPRO421	8	8	R4 000.00
Advanced Removable Prosthetics II (Mod II)	PARP221	8	8	R4 000.00
Health Business studies II	HBST201	8	8	R3 260.00
Fundamental Principles and Practices of Research Design and methodology (Mod I)	FRDM121	8	10	R4 170.00
Faculty general education		8		R4 860.00
TOTAL				R27 750
Total Credits for Semester One & Two			100	

BHSc: Dental Technology (Extended First Year Programme) (5-year programme)

An alternate curriculum is offered to complete the BHSc Dental Technology qualification. The curriculum is extended by one academic year making the degree a five-year curriculum qualification. This allows for substantial developmental provision to be included in the curriculum to improve the chances of success for students who have shown potential to succeed. The students within this programme are registered for the same qualification, implying the equity of access to the programme and equity of outcomes on completion of the qualification. Through the extension in time and additional resources the curriculum will be able to accommodate student needs, build on student's strengths and address areas that challenge academic success. The additional courses of the extended first year programme is as follows:

- **INTRODUCTION TO PRINCIPLES AND PRACTICES OF DENTAL TECHNOLOGY (A)**
- **INTRODUCTION TO PRINCIPLES AND PRACTICES OF DENTAL TECHNOLOGY (B)**
- **DENTAL ART AND CARVING**

Will assist in developing threshold concepts and practices that will enhance chances for success within the other courses in the programme

Please Note: Curriculum and Fees are not yet finalised; please contact Department should you require more information.

Additional Programme Costs (First Year)

Personal equipment +/- R12 000

Consumables (materials required for dental Practical's for each year of study) R5 387.90
Prescribed books R2 500

Application

Applicants who wish to enrol for the programme must apply through the CAO system by no later than **30 August 2021** of the previous year.

Please note: Applicants who qualify may be invited to participate in a placement test and an interview process.

For Application Forms

Address letters to:

Central Applications Office Private
Bag X06
Dalbridge
4014
Tel: (031) 2684444
Fax: (031) 2684422

OR

Apply online: <http://www.cao.ac.za>

CAO Code: DUDDTE

Closing Date for Applications: 30 August 2021

For Further Information

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

Financial Aid:

For Financial Aid application for a DUT programme please apply online at www.nsfas.org.za or call the NSFAS call centre on 0860 067 327.

For an explanation on how to fill out the application form, please go to 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 and Scholarships on (031)3732931/2557/2054.

This leaflet is for information purposes only and is not binding on the Durban University of Technology