

# Bachelor of Health Sciences in Chiropractic

## NQF 8

### SAQA ID: 101517

**Location:** Ritson campus (Mansfield School)

### 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, “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. Technikon Natal, 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 chiropractor 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 instructional 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 neuro-muscular-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 is a statutory requirement that needs to be completed before a qualified student / graduate 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, MRI's and bone scans.

After an extensive screening process, a number of selected candidates will be invited to interviews (usually towards the end of the year). Successful candidates will be notified shortly thereafter and will be required to pay a deposit of R 3630 within a month of such notification to secure a place. Failure to pay the deposit on time will result in forfeiture of the applicant's place.

### Career opportunities

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

### Entry Requirements (BHS-Chiropractic)

NATIONAL SENIOR CERTIFICATE (NSC) 01 January 2009)		SENIOR CERTIFICATE (SC) (PRE 2009)			NATIONAL CERTIFICATE (VOCATIONAL) (NCV)	
NSC DEGREE ENTRY		SENIOR CERTIFICATE (SC) with Matric Exemption			NATIONAL CERTIFICATE VOCATIONAL (NCV)	
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG	Compulsory Subjects	NC(V) Rating
English (home) OR English (1 <sup>st</sup> additional)	4	English (Home)	D	B	English	70%
Mathematics	4	Mathematics	D	B	Mathematics	70%
Life Orientation	4	Physical Science	D	B	Physical Science	70%
Life Science <b>AND/OR</b> Physical Science	4	<b>AND/OR</b> Biology			<b>AND/OR</b> Biology/ Life Science	
Two 20 credit subject (not more than one language)	4					
<b>Additional Entry Requirements:</b> 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.						
<b>Please note:</b> First preference will be given to applicants with both Physical Science and Life Science or Biology						

## 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 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 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 2020 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 2021 fees are not yet final.

### First Year Curriculum (BHS-Chiropractic)

Name of Module	Module Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester One</b>				
Gross Anatomy IA	ANGRI11	6	8	R2050.00
Physiology IA	PHGY111	5	16	R3690.00
Physics 101	PHYS111	5	8	R3110.00
Biological sciences	BIOS101	5	16	R3040.00
Philosophy and History of Medicine	PAHM101	6	12	R3300.00
Cornerstone	CSTN101	6	12	R2530.00
<b>TOTAL CREDITS</b>			<b>72</b>	
<b>TOTAL</b>				<b>R17720.00</b>
<b>Semester Two</b>				
Physics 201	PHYS121	5	8	R3110.00
Chiropractic Principles and Practice I	CPPR111	6	8	R2200.00
Cultural diversity (elective)	CLDV101	5	8	R1950.00
Gross Anatomy IB	ANGRI21	6	8	R2050.00
Histology	HIST111	6	12	R2450.00
Physiology IB	PHGY121	5	8	R3690.00
Chemistry	CHHC103	5	12	R3110.00
<b>TOTAL CREDITS</b>		<b>64</b>		
<b>TOTAL</b>				<b>R18 560</b>
<b>YEAR 2 –Semester One</b>				
Gross Anatomy II	ANGR201	6	16	R6220
Physiology IIA	PHGG201	6	16	TBA
Biochemistry	BCHY201	6	18	R2080
Immunology, Parasitology and Communicable Diseases	EPIP201	6	16	R2080
Chiropractic Principles and Practice II	CPPR211	6	12	R3300
<b>TOTAL CREDITS</b>			<b>78</b>	
<b>Semester Two</b>				

Diagnostic Imaging I	DGNT22I	6	8	R2200
Physiology IIB	PHGY20I	6	8	TBA
General Pathology	GEPA20I	6	8	R2080
Clinical Anatomy	ANGR22I	6	16	R4160
Sociology OR Leadership and supervisory development	SLST21I LDSDI0I	7	12	R3300 R4150
<b>TOTAL CREDITS</b>			<b>52</b>	
<b>YEAR 3 –Semester One</b>				
Diagnostics IA	DINT31I	7	12	R3300
Systemic Pathology IA	SYSP31I	7	12	R4670
Psychopathology	PPTH30I	7	8	R2200
Chiropractic Principles and Practice IIIA	CPPR31I	7	12	R3300
HIV and communicable diseases OR Entrepreneurial edge	HCDKI0I TENEI0I	6	8	R2080 R2080
Reflections on Quantitative Thinking or Equality and Diversity	RQTHI0I EQDVI0I	6	8	R1800 R1950
<b>TOTAL CREDITS</b>			<b>60</b>	
<b>TOTAL</b>				<b>R17 350</b>
<b>Semester Two</b>				
Diagnostics IB	DINT32I	7	12	R3300
Systemic Pathology IB	SYSP32I	7	12	R4670
Clinical Chiropractic and Biomechanics I	CCHB30I	7	12	R3300
Diagnostic Imaging II	DGNT33I	7	12	R3300
Chiropractic Principles and Practice IIIB	CPPR32I	7	12	R3300
Myofascial and Adjunctive Therapies I	MYAT31I	7	12	R3300
<b>TOTAL CREDITS</b>			<b>72</b>	
<b>TOTAL</b>				<b>R42 550</b>
<b>YEAR 4 –Semester One</b>				
Diagnostics IIA	DINT41I	8	12	R3300
Chiropractic Principles and Practice IVA	CPPR41I	8	12	R3300
Myofascial and Adjunctive Therapies II	MYAT41I	8	12	R3300
Clinical Nutrition	CLNT41I	8	8	R3110
Research Methods and Bioethics	RMBE41I	8	8	R4500
Clinical Chiropractic and Biomechanics IIA	CCHB41I	8	12	R3300
<b>TOTAL CREDITS</b>			<b>64</b>	
<b>TOTAL</b>				<b>R20 810</b>
<b>Semester Two</b>				
Diagnostics IIB	DINT42I	8	12	R3300
Public and Community Health	PCOH10I	8	8	R2200
Chiropractic Principles and Practice IVB	CPPR42I	8	12	R3300
Clinical Pharmacology	PHRM41I	7	8	R6220
Clinical Chiropractic and Biomechanics IIB	CCHB42I	8	12	TBA
Diagnostic Imaging III	DGNTI4I	8	8	R2200
Intern pers & prac of health care sys OR	IPPH41I	8	12	TBA
Clinical Mentoring and Assessment	CLMA10I	TBA	TBA	R3890
<b>Total Credits For BACHRI</b>			<b>534</b>	

**Please Note:** alternate modules may be chosen in to replace the elective options reflected above; however, these modules are only run should there be sufficient students to make the module a viable offering. This will therefore only be possible to consider at the time of registration. Additional costs need to be borne in mind, as some modules may be more expensive than others may.

## **Application**

Applicants who wish to enrol for the programme must apply through the CAO system by no later than 15 August of the previous year.

## **For Application Forms**

Contact the Central Applications Office (C.A.O.)

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:** DUDCHI

**Closing Date for Applications:** 15 August 2020

## **For Further Information**

Contact the Department of Chiropractic and Somatology

Durban University of Technology

P O Box 1334

DURBAN 4000

Tel: (031) 373 2094/ 3732611

Fax: (031) 202 3632