

# BACCALAUREUS TECHNOLOGIAE: MEDICAL ORTHOTICS AND PROSTHETICS

Qualification code: BTOP98 - NQF Level 7

Campus where offered: Pretoria Campus

## Important notification to new applicants:

Students who intend to enrol for this qualification should take note that no new applications will be accepted as from 2020. Potential students are advised to consult the University's website for possible new qualifications which are aligned with the newly-implemented Higher Education Qualification Sub-Framework.

## REMARKS

a. *Admission requirement(s):*

A National Diploma: Medical Orthotics and Prosthetics.

Holders of any other equivalent South African or international qualifications may also be considered, but will have to apply about six months in advance for the recognition of such qualifications. Candidates will be required to submit an evaluation of their qualifications by the South African Qualifications Authority (SAQA) with their application forms for admission. The Faculty reserves the right to assess these qualifications and the applicant's suitability/competence for admission to the programme. Proof of English proficiency may be required. Depending on the nature of such an equivalent qualification, the completion of certain additional subjects may be required.

b. *Selection criteria:*

Selection is based on an assessment by a departmental selection panel.

c. *Minimum duration:*

One year.

d. *Presentation:*

Day classes.

e. *Intake for the qualification:*

January only.

f. *Exclusion and readmission:*

See Chapter 2 of Students' Rules and Regulations.

g. *Recognition of Prior Learning (RPL), equivalence and status:*

See Chapter 30 of Students' Rules and Regulations.

h. *Other requirements:*

International students will be assessed by the Department to determine enrolment for this qualification. Student fees are applicable to this process.

i. *Professional registration as a student:*

Registration with the HPCSA is compulsory for all national students.

j. *Registration as a medical orthotist and prosthetist with the HPCSA:*

On meeting the qualification requirements of either the National Diploma: Medical Orthotics and Prosthetics or the Baccalaureus Technologiae: Medical Orthotics and Prosthetics, a student has to complete an internship of 12 months at an HPCSA-accredited training centre before they may register with the HPCSA as medical orthotics and prosthetics practitioner. At the end of the internship year, students may register as medical orthotists and prosthetists with the HPCSA. The year of internship will be completed under the auspices of the HPCSA, and any enquiries in this regard should be addressed to that Council. No students, while registered at TUT are allowed to work in the industry, as prescribed by the HPCSA, unless it forms part of the work-integrated learning.



- k. *Subject credits:*  
Subject credits are shown in brackets after each subject.

## CURRICULUM

### YEAR SUBJECTS

CODE	SUBJECT	CREDIT
BNP110T	Business Practice I	(0,170)
OPC400T	Orthotics and Prosthetics Practice IV	(0,250)
ORP400T	Orthotics and Prosthetics Theory IV	(0,250)
RMQ110C	Research Methods and Techniques I	(0,160)
TSF200T	Applied Psychology and Pharmacology II	(0,170)

TOTAL CREDITS FOR THE QUALIFICATION: **1,000**

### SUBJECT/MODULE INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular subject/module. On 01 August 2017, the syllabus content was defined as follows:

#### A

#### **APPLIED PSYCHOLOGY AND PHARMACOLOGY II (TSF200T) CONTINUOUS ASSESSMENT** *(Subject custodian: Department of Sport, Rehabilitation and Dental Sciences)*

Social development of rehabilitation patients and an introduction to and understanding of basic medicine. (Total tuition time: ± 60 hours)

#### B

#### **BUSINESS PRACTICE I (BNP110T) CONTINUOUS ASSESSMENT** *(Subject custodian: Department of Management and Entrepreneurship)*

Basic management skills, dealing with conflict, marketing, personnel management, stock control and cash flow. (Total tuition time: ± 30 hours)

#### O

#### **ORTHOTICS AND PROSTHETICS PRACTICE IV (OPC400T) CONTINUOUS ASSESSMENT** *(Subject custodian: Department of Sport, Rehabilitation and Dental Sciences)*

Students will apply in practice the theoretical knowledge of Orthotics and Prosthetics Theory IV. (Total tuition time: ± 120 hours)

#### **ORTHOTICS AND PROSTHETICS THEORY IV (ORP400T) CONTINUOUS ASSESSMENT** *(Subject custodian: Department of Sport, Rehabilitation and Dental Sciences)*

Advanced orthotic and prosthetic devices and the related theory. (Total tuition time: ± 30 hours)

#### R

#### **RESEARCH METHODS AND TECHNIQUES I (RMQ110C) CONTINUOUS ASSESSMENT** *(Subject custodian: Department of Sport, Rehabilitation and Dental Sciences)*

Theory of research and statistics, as well as statistics calculations. An additional requirement for obtaining the full qualification is a research article by the candidate at the end of the study period. (Total tuition time: ± 30 hours)

