

# BACCALAUREUS TECHNOLOGIAE: PHARMACEUTICAL SCIENCES

## Qualification code: BTPL01 - NQF Level 7

Campus where offered: Arcadia 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):*  
Any relevant NQF Level 6 Health- or Pharmaceutical Sciences-related degree or diploma from a South African university or any relevant three year Bachelor's degree or a three-year diploma with at least two years' experience in the pharmaceutical industry.  
  
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:*  
Block-mode 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. *Late applications:*  
Late applications for this qualification will be considered.
- i. *Subject credits:*  
Subject credits are shown in brackets after each subject.

## CURRICULUM

### YEAR SUBJECTS

CODE	SUBJECT	CREDIT
------	---------	--------

Any five of the following subjects:

BPM400T	Biopharmaceutics IV	(0,200)
---------	---------------------	---------



CCR400T	Clinical Trials IV	(0,200)
EQI400T	Establishing the Quality of Medicines IV	(0,200)
FDF400T	Formulation of Dosage Forms IV	(0,200)
GCL400T	Good Clinical and Laboratory Practice IV	(0,200)
PHA400T	Pharmaceutical Packaging IV	(0,200)
ROM400T	Registration of Medicines IV	(0,200)

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:

### B

#### **BIOPHARMACEUTICS IV (BPM400T)**

**CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Pharmaceutical Sciences)*

Routes of drug administration. Principles of drug absorption and factors influencing absorption. Bio-equivalence testing. (Total tuition time: not available)

### C

#### **CLINICAL TRIALS IV (CCR400T)**

**CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Pharmaceutical Sciences)*

Clinical trial design. Case reports. (Total tuition time: not available)

### E

#### **ESTABLISHING THE QUALITY OF MEDICINES IV (EQI400T)**

**CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Pharmaceutical Sciences)*

Good manufacturing practice. Quality control procedures on raw materials and finished products. Stability testing. (Total tuition time: not available)

### F

#### **FORMULATION OF DOSAGE FORMS IV (FDF400T)**

**CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Pharmaceutical Sciences)*

Types of dosage forms and their excipients. Unit processes. (Total tuition time: not available)

### G

#### **GOOD CLINICAL AND LABORATORY PRACTICE IV (GCL400T)**

**CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Pharmaceutical Sciences)*

Principles of good clinical practice (GCP) and good laboratory practice (GLP). Writing and implementing standard operating procedures. (Total tuition time: not available)

### P

#### **PHARMACEUTICAL PACKAGING IV (PHA400T)**

**CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Pharmaceutical Sciences)*

Specification requirements for pharmaceutical packaging and labelling. Quality control procedures regarding packaging materials. (Total tuition time: not available)



R

**REGISTRATION OF MEDICINES IV (ROM400T)**

**CONTINUOUS ASSESSMENT**

*(Subject custodian: Department of Pharmaceutical Sciences)*

Requirements of the Medicines Control Council. Application for the registration of a medicine. (Total tuition time: not available)

