

BACCALAUREUS TECHNOLOGIAE: PHARMACEUTICAL SCIENCES

Qualification code: BTPL01 - NQF Level 7

Campus where offered: Arcadia Campus (block-mode classes)
Last year of new intake: 2019
Teach-out (phase-out) date: 31 December 2021

Students registered for this qualification should complete their studies according to the teach-out date prescribed for the qualification, subject to the stipulations of Regulation 3.1.11 and 3.1.13 in the Students' Rules and Regulations.

Information on phased-out programmes can be obtained from the TUT website, www.tut.ac.za.

CURRICULUM

Consult the 2019 Faculty Prospectus for the full contents of the qualification.

FIRST YEAR

CODE	SUBJECT	CREDIT
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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 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. At time of publication, 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)

