

# BACCALAUREUS TECHNOLOGIAE: HORTICULTURE

## Qualification code: BTHO13 - 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: Horticulture or an NQF Level 6 bachelor's degree in Horticulture from a South African university.
- 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 and registration:*  
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. *Subject credits:*  
Subject credits are shown in brackets after each subject.

Key to asterisks:

- \* Information does not correspond to information in Report 151.  
(Deviations approved by the Senate in May 2012.)

## CURRICULUM

### YEAR SUBJECTS

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
HOL400T	Horticulture IV*	(0,400)	Horticulture III
HPM400T	Horticultural Production Management IV	(0,200)*	
HTP400T	Horticulture Project IV*	(0,300)	



RMD100K    Research Methodology    (0,100)\*

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:

### **H**

**HORTICULTURAL PRODUCTION MANAGEMENT IV (HPM400T)    1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Horticulture)*

Project management, project integration management, management processes and planning, procurement schedules, resource planning related to the horticulture and landscape industry and the project cost management of projects together with the project risk management and the human resource management. (Total tuition time: ± 90 hours)

**HORTICULTURE PROJECT IV (HTP400T)    PROJECT ASSESSMENT**  
*(Subject custodian: Department of Horticulture)*

Drawing up a detailed research protocol (research proposal) and completing a pilot study for an identified research product under the guidance of a mentor. The results of the pilot study will be presented during the last contact week of the study year. A written report, poster and an oral presentation are required. (Total tuition time: ± 40 hours)

**HORTICULTURE IV (HOL400T)    1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Horticulture)*

Specialised methods and techniques used by horticultural producers to maximise yield, improve quality and shelf-life of horticultural crops and ornamental plants. Genetics, genetics engineering, plant breeding, micro-propagation, hydro-culture, postharvest biology and technology, plant growth regulators. Biosphere protection and laws and policies that influence horticulture. (Total tuition time: ± 36 hours)

### **R**

**RESEARCH METHODOLOGY (RMD100K)    1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Horticulture)*

This subject provides background knowledge of research methodology regarding the planning, execution and interpretation of results and scientific reporting. It incorporates the following aspects: philosophies, skills, criteria, types of research and processes, as well as the writing of reports and presentation of seminars, construction of questionnaires, etc. Introductory statistical analysis forms an integral part of this presentation. (Total tuition time: ± 40 hours)

