

BACCALAUREUS TECHNOLOGIAE: HORTICULTURE

Qualification code: BTH013 - NQF Level 7

Campus where offered: Pretoria 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.

Key to asterisks:

* Information does not correspond to information in Report 151.

(Deviation approved by the Senate in May 2012.)

CURRICULUM

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

FIRST YEAR

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 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:

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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)



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)

