

BACCALAUREUS TECHNOLOGIAE: AGRICULTURE: CROP PRODUCTION*

Qualification code: BTAR05 - 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.
(Deviations approved by the Senate on May 2007 and Senex on 22 June 2011.)

CURRICULUM

Consult the 2018 Faculty Prospectus for the full contents of the qualification.

SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.

YEAR SUBJECTS

| CODE | SUBJECT | CREDIT |
|--------------------------------------|------------------------------------|--------------|
| CRO400T | Crop Production IV | (0,250) |
| FVP400T | Fruit and Vegetable Production IV* | (0,250) |
| PJG400F | Crop Science Project IV* | (0,250) |
| RMD100C | Research Methodology | |
| RMD10PC | Research Methodology: Agriculture | (0,125) |
| RMD10QC | Research Methodology: Biometry | (0,125) |
| TOTAL CREDITS FOR THE QUALIFICATION: | | 1,000 |

SUBJECT INFORMATION (OVERVIEW OF SYLLABUS)

Please take note that for the 2020 academic year certain modules will be assessed as continuous assessment.
Please contact the Academic Department for further information.

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. On 25 October 2019, the syllabus content was defined as follows:

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CROP PRODUCTION IV (CRO400T)

CONTINUOUS ASSESSMENT

(Subject custodian: Department of Crop Sciences)

An in-depth study of botany and production of a crop or groups of crops that are cultivated on a commercial scale. These include agronomic crops, vegetable crops, fruit crops and other crops. (Total tuition time: ± 50 hours)

CROP SCIENCE PROJECT IV (PJG400F)

CONTINUOUS ASSESSMENT

(Subject custodian: Department of Crop Sciences)

Syllabus content not available. Please contact the Head of the Department.



F**FRUIT AND VEGETABLE PRODUCTION IV (FVP400T)****1 X 3-HOUR PAPER****(Subject custodian: Department of Crop Sciences)**

Introduction to postharvest losses of fruit and vegetables: Describing the type and extent of losses; the causes, where and how the losses occur. Basic postharvest management protocols to reduce food loss in the supply chain. Quality assurance: quality components; quality criteria in standard for fresh fruit and vegetables; factors affecting quality; methods for quality evaluation. (Total tuition time: not available)

R**RESEARCH METHODOLOGY: AGRICULTURE (RMD10PC)****1 X 2-HOUR PAPER****(Subject custodian: Department of Crop Sciences)**

Planning, designing and conducting research; meaning of research; tools in research; research paradigms; research and society; research project cycle; review of literature and citing sources; quantitative research including the survey method and the experimental method; qualitative research; ethics in research: the research proposal. (Total tuition time: ± 48 hours)

RESEARCH METHODOLOGY: BIOMETRY (RMD10QC)**1 X 2-HOUR PAPER****(Subject custodian: Department of Crop Sciences)**

Introduction to statistics and biometry; general concepts in statistics; presenting and summarising data; relationships between variables (regression); probability theory; probability distributions; estimating population parameters; hypothesis testing. (Total tuition time: ± 48 hours)