

BACCALAUREUS TECHNOLOGIAE: AGRICULTURE: CROP PRODUCTION*

Qualification code: BTAR05 - 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: Agriculture: Crop Production or an NQF Level 6 bachelor's degree in Agriculture from a South African university with Agronomy at Level III.

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 this qualification. Candidates will be required to submit an evaluation of their qualifications from 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. *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 on May 2007 and Senex on 22 June 2011.)

CURRICULUM

SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.

YEAR SUBJECTS

| CODE | SUBJECT | CREDIT |
|---------|------------------------------------|---------|
| FVP400T | Fruit and Vegetable Production IV* | (0,250) |



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|----------------|-----------------------------------|---------|
| CRO400T | Crop 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/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:

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)

C

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.

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)

