

*Are you interested in Plant Production? Start your professional career with a National Certificate in Plant Production.*

<b>National Certificate in Plant Production</b>	
<b>WHO IS THIS BEST FOR:</b>	If you passed grade 10 and would like to acquire a qualification in farming
<b>QUALIFICATION LEVEL:</b>	National Certificate, NQF 4
<b>ACCREDITATION:</b>	SAQA ID 49009
<b>MINIMUM CREDITS:</b>	140
<b>ENTRY REQUIREMENTS:</b>	Grade 10
<b>DURATION:</b>	1 year
<b>COST:</b>	Registration fee of R1 500.00 Tuition fee R13 000.00
<b>METHOD:</b>	50% theoretical studies, 50% practical studies
<b>ASSESSMENT:</b>	Assessed through a portfolio of evidence, no exams
<b>POSSIBLE CAREER OPPORTUNITIES</b> <ul style="list-style-type: none"><li>• Crop farmer</li><li>• Junior Farm Manager</li><li>• Farm Manager</li><li>• Seed Company sales Representative</li><li>• Agrochemical Company Sales representative</li><li>• Research Assistant</li></ul>	

## **COURSE OVERVIEW**

National Certificate: Plant Production, NQF 4, 142 minimum credits

## **QUALIFICATION RULES**

Scientia Agri Institute National Certificate in Plant Production is an academic programme and is made up of

a planned combination of learning outcomes that have a defined purpose and will provide qualifying learners with applied competence and a basis for further learning.

The qualification is made up of Unit Standards that are classified as Fundamental, Core and Elective. A minimum of 142 credits is required to complete the qualification.

In this qualification the credits are allocated as follows:

Fundamental: 68 credits: 43%

Core: 59 credits: 38%

Electives: 30 credits: 19%

Total: 157 credits: 100%

### Admission requirements

- Grade 10

### Duration

- 1 year

### Assessments

- Assessed through a portfolio of evidence (No exams)

### WORKPLACE RELEVANCE

The National Certificate: Plant Production NQF 4 (SAQA ID 49009) qualification is designed to meet the needs of those learners who intend to set up or have already set up own ventures, would like to find formal employment in the primary agricultural sector, or who would like to extend their studies, especially to the level of junior farm manager. The purpose of this qualification is to allow Junior Farm Managers to progress towards a Farm Manager position with specific reference to Plant Production.

### POSSIBLE CAREER OPPORTUNITIES

- Crop farmer
- Junior Farm Manager
- Farm Manager
- Seed Company sales Representative
- Agrochemical Company Sales representative
- Research Assistant

### WHAT YOU STUDY

Type	Unit Standard ID	Title	Credits
Fundamental	<a href="#">8968</a>	Accommodate audience and context needs in oral communication	5
Fundamental	<a href="#">8972</a>	Interpret a variety of literary texts	5
Fundamental	<a href="#">8969</a>	Interpret and use information from texts	5
Fundamental	<a href="#">8970</a>	Write texts for a range of communicative contexts	5
Fundamental	<a href="#">9015</a>	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	6

Fundamental	<a href="#">8974</a>	Engage in sustained oral communication and evaluate spoken texts	5
Fundamental	<a href="#">116312</a>	Interpret a data collection plan	4
Fundamental	<a href="#">12417</a>	Measure, estimate & calculate physical quantities & explore, critique & prove geometrical relationships in 2 and 3 dimensional space in the life and workplace of adult with increasing responsibilities	4
Fundamental	<a href="#">116320</a>	Plan and maintain environmentally sound agricultural processes	8
Fundamental	<a href="#">8975</a>	Read analyse and respond to a variety of texts	5
Fundamental	<a href="#">8979</a>	Use language and communication in occupational learning programmes	5
Fundamental	<a href="#">7468</a>	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	6
Fundamental	<a href="#">8976</a>	Write for a wide range of context	5
Core	<a href="#">116301</a>	Apply effective and responsible integrated pest, disease and weed control	3
Core	<a href="#">116302</a>	Assume co-responsibility and participation in human resource management	3
Core	<a href="#">116295</a>	Demonstrate a basic understanding of the physiological processes in plant growth and development	3
Core	<a href="#">116297</a>	Develop a harvesting plan for the specific agricultural crop	3
Core	<a href="#">116290</a>	Establish a plan for the monitoring, safe use and maintenance of equipment implements, technology and infrastructure	3
Core	<a href="#">116293</a>	Evaluate, adjust and implement factors influencing agricultural enterprises	3
Core	<a href="#">116288</a>	Execute sustainable resource use and quality control	3
Core	<a href="#">116286</a>	Give an overview of the industry structure	2
Core	<a href="#">116278</a>	Implement a food safety and quality management system in the agricultural supply chain	3
Core	<a href="#">116303</a>	Implement a natural resource management plan	3
Core	<a href="#">116309</a>	Implement integrated farm layout and site selection	3
Core	<a href="#">116311</a>	Implement soil fertility and plant nutrition practices	3
Core	<a href="#">116305</a>	Manage plant manipulation methods of an agricultural crop	3
Core	<a href="#">116322</a>	Manage water quality parameters	3
Core	<a href="#">116291</a>	Participate in the development and management of an agri business plan	3
Core	<a href="#">116684</a>	Participate in the development and management of an agricultural marketing plan	3
Core	<a href="#">116319</a>	Prepare a whole farm budget and establish a proper integrated information system for an agri-business	3
Core	<a href="#">116321</a>	Procure and manage agricultural input	3
Core	<a href="#">116316</a>	Propagate plants in a variety of situations	3
Core	<a href="#">116317</a>	Schedule the operation and maintenance of irrigation systems	3
Elective	<a href="#">116289</a>	Ensure sustainable wild flower harvesting operations	5

Elective	<a href="#">116279</a>	Implement a permaculture site design	7
Elective	<a href="#">116304</a>	Manage agricultural export logistics	4
Elective	<a href="#">116306</a>	Manage organic certification and internal control systems	5
Elective	<a href="#">116314</a>	Produce crop in a hydroponic system	4
Elective	<a href="#">116315</a>	Recognise agri/ecotourism within the strategic environment	5

### Fee structure

This qualification cost R14 500.00 including a registration fee of R1 500.00

#### Payment Plan 1

At registration	R1 500.00
Tuition fee	R1 300.00 monthly for 10 months

#### Payment Plan 2

At registration	R1 500.00
Tuition fee	R3 250.00 quarterly

#### Payment Plan 3

At registration	R1 500.00
Tuition fee	R11700 cash (10% discount if fees are paid in full within the first quarter of the year)

## FACULTY BONUS TO ALL PLANT PRODUCTION STUDENTS

Every plant production student will attend a 5-day vegetable production short course and a 5-day hydroponic production short courses **free of charge** before they graduate. Students will be awarded certificate of competence at the end of each short course.

### WHY choose to study with Scientia Agri Institute?

- Courses are SAQA accredited
- Our team consists of people with expertise in agriculture as well as assessment, facilitation, and design
- We are an affordable agricultural training provider

- We are the best agricultural training provider with world class lectures and affiliated academics
- If you are working or do not want to relocate you can choose to study online
- Custom- designed online agricultural campus that supports e-learning

