

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

National Diploma in Plant Production	
WHO IS THIS BEST FOR:	If you passed grade 12 and would like to acquire a qualification in farming
QUALIFICATION LEVEL:	National Diploma, NQF 5
ACCREDITATION:	SAQA ID 49010
MINIMUM CREDITS:	240
ENTRY REQUIREMENTS:	Grade 12
DURATION:	2 years
COST:	Registration fee of R1 500.00 Tuition fee R15 000.00 per year
METHOD:	50% theoretical studies, 50% practical studies
ASSESSMENT:	Assessed through a portfolio of evidence, no exams
POSSIBLE CAREER OPPORTUNITIES <ul style="list-style-type: none">• Crop farmer• Junior Farm Manager• Farm Manager• Seed Company sales Representative• Agrochemical Company Sales representative• Research Assistant	

COURSE OVERVIEW

National Diploma: Plant Production, NQF 5, 240 minimum credits

QUALIFICATION RULES

Scientia Agri Institute National Diploma 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 240 credits is required to complete the qualification.

In this qualification the credits are allocated as follows:

Fundamental: 52 credits: 21%

Core: 155 credits: 63%

Electives: 40 credits: 16%

Total: 247 credits: 100%

Admission requirements

- Grade 12

Duration

- 2 years

Assessments

- Assessed through a portfolio of evidence (No exams)

WORKPLACE RELEVANCE

The National Diploma: Plant Production NQF 5 (SAQA ID 49010) 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	8974	Engage in sustained oral communication and evaluate spoken texts	5
Fundamental	8979	Use language and communication in occupational learning programmes	5
Fundamental	8975	Read analyse and respond to a variety of texts	5
Fundamental	8976	Write for a wide range of contexts	5

Fundamental	12417	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	7470	Work with a wide range of patterns and inverses of functions and solve related problems	6
Fundamental	7466	Represent and operate on complex numbers in non-trivial situations	2
Fundamental	7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	6
Fundamental	116412	Develop and manage a data collection plan to support an agricultural enterprise	4
Fundamental	7483	Solve problems involving sequences and series in real and simulated situations	2
Fundamental	116387	Integrate sustainable systems into planning and management processes	8
Core	116431	Describe biological processes in plant physiology	9
Core	116414	Develop suitable irrigation systems	10
Core	116369	Optimise water quality	6
Core	116409	Develop and implement plant manipulation methods	8
Core	116371	Manage soil systems	10
Core	116429	Apply integrated pest management principles	10
Core	116425	Design a natural resource management plan	8
Core	116419	Develop and implement a food safety and quality management system in an agricultural supply chain	7
Core	116373	Manage the harvesting process of agricultural crops	10
Core	116324	Plan a farm and select a site	9
Core	116337	Optimise and integrate various farming systems and trends within related enterprises	11
Core	116384	Manage and control resources in a sustainable manner	5
Core	116382	Manage an input chain	6
Core	116428	Analyse and interpret the financial statements and physical records in an agri-business to generate managerial information	11
Core	116427	Develop a propagation plan for any agricultural production system	9
Core	116426	Develop a production and strategic plan for the agricultural business	11
Core	116394	Implement and manage human resource and labour relations policies and acts	9
Core	10050	Integrate marketing plans with business process	6
Elective	116328	The effective and responsible arial application of agrochemical products	14
Elective	116400	Effective and responsible advice, recommendation and sale of agrochemical products	12
Elective	116383	Manage a hydroponic production unit	10
Elective	116398	Use a Graphical User Interface (GUI)-based word processor to create and edit documents	4

Fee structure

This qualification cost R16 500.00 per year including a registration fee of R1 500.00

Payment Plan 1

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

Payment Plan 2

At registration	R1 500.00
Tuition fee	R3 750.00 quarterly

Payment Plan 3

At registration	R1 500.00
Tuition fee	R13 500 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

