



**INTERNATIONAL
AGRICULTURAL
ACADEMY
FOR AFRICA**

National Certificate: Plant Production

SAQA ID 49009

**STUDY PROSPECTUS
2021**

COURSE OVERVIEW

National Certificate: Plant production, NQF 4, 142 Credits

QUALIFICATION RULES

The i3A National Certificate in Plant Production is an academic online 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 140 credits is required to complete the qualification.

In this qualification the credits are allocated as follows:

Fundamental:	68 credits:	49%
Core:	59 credits:	41%
Electives:	15 credits:	10%
Total:	142 credits:	100%

PRE-REQUISITES

Learners accessing this qualification are assumed to be competent in:

- Communication at NQF Level 2
- Mathematical Literacy at NQF Level 2
- Agricultural activities at NQF 3

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 extent their studies, especially to the level of junior farm manager.

Assessment of the competencies and knowledge in the qualification will be done in the context of the above learning outcomes.

The range of typical learners that will enter this qualification will vary and includes:

- Farm operators who wish to progress to the level of junior farm manager;
- Learners in possession of different levels of practical experience in farming operations, which will be assessed and RPL'ed;
- School leavers (Gr. 12) from agricultural schools; and
- Learners may come from both genders.

WHAT YOU STUDY

Module title	Credits	Session hours	Independent learning hours	Workplace learning hours	Total Hours
Cluster 1: Communication in the workplace	20	80	10	108	198
Cluster 2: Business Numeracy	40	48	5	296	349
Cluster 3: Crop management practices	46	88	12	360	460
Cluster 4: Crop production	36	168	15	230	413

CLUSTER 1: Communication in the workplace

US Number	Title	Type	Credits
8968	Accommodate audience and context needs in oral communication	F	5
8972	Interpret a variety of literary texts	F	5
8969	Interpret and use information from texts	F	5
8970	Write texts for a range of communicative contexts	F	5
8974	Engage in sustained oral communication and evaluate spoken texts	F	5
8975	Read analyse and respond to a variety of texts	F	5
8979	Use language and communication in occupational learning programmes	F	5
8976	Write for a wide range of contexts	F	5
Total credit count			40

CLUSTER 2: Business Numeracy

US Number	Title	Type	Credits
9015	Apply knowledge of statistics and probability	F	6
116312	Implement a data collection plan	F	4
12417	Measure, estimate & calculate physical quantities	F	4
7468	Use mathematics to investigate and monitor financial aspects	F	6
Total credit count			20

CLUSTER 3: Horticultural management practices

US Number	Title	Type	Credits
116302	Human Resource Management	C	3
116290	Safe use and management of equipment	C	3
116293	Agricultural Enterprises	C	3

116288	Sustainable Resource use and quality control	C	3
116286	Overview of the Crop Industry	C	2
116278	Food Safety and Quality management in the Supply Chain	C	3
116303	Natural Resource Management Plan	C	3
116309	Plan Farm Layout and Site Selection	C	3
116291	Develop a Crop Business Plan	C	3
116684	Develop a Crop Marketing Plan	C	3
116319	Develop a Complete Crop Farm Budget	C	3
116321	Procure and Manage Agricultural Input	C	3
116322	Water quality parameters	C	3
116320	Plan and maintain environmentally sound agricultural processes	F	8
Total credit count			46

CLUSTER 4: Crop production

US Number	Title	Type	Credits
116311	Soil fertility and plant nutrition	C	3
116305	Plant manipulation	C	3
116316	Plant propagation	C	3
116295	Physiological plant growth	C	3
116301	Pest, disease and weed control	C	3
116297	Harvesting planning and procedures	C	3
116317	Irrigation systems	C	3
116279	Implement a permaculture site design	E	7
116314	Produce crop in a hydroponic system	E	4
116306	Manage organic certification and internal control systems	E	5
Total credit count			37

ACADEMIC FEES

The following academic fees are applicable for 2021: **R28 000**

Methods of payment:	2020
At registration:	R 2 000.00
After Registration: 50% deposit	R13 000.00
At the beginning of the second term: (outstanding balance)	R13 000.00

ALTERNATIVE PAYMENT ARRANGEMENT

If you are not in a financial position to pay full quarterly amount, you may apply in writing for the payment of modules on a month to month basis. Please direct your application to : The Financial Director, admin@i3a.co.za



NATIONAL CERTIFICATE PLANT PRODUCTION

WHY i3A?

- Courses are SAQA accredited
- World class lectures and affiliated academics
- Custom designed online Agricultural Campus that includes e-learning modules and an online encyclopaedia for lifelong support

TO FIND OUT MORE

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