



GWASA

**GAME & WILDLIFE
ACADEMY FOR SOUTHERN AFRICA**



**NATIONAL CERTIFICATE
ANIMAL PRODUCTION**

SPECIALISATION IN GAME AND WILDLIFE MANAGEMENT

COURSE OVERVIEW

National Certificate: Animal Production | NQF 4, 240 Credits

The i3A National Certificate in Animal Production with a specialisation in Game & Wildlife Management is an academic online programme supported by practical hands-on modules, developed for the sub-Saharan Africa Wildlife Industry.

The qualification focuses on the supervision of Operational Game and Wildlife Management within the framework of the sciences of animal biology, nature conservation, regenerative production, agricultural economics and strategic and business management, supported by fundamental knowledge of the application of basic computer skills, communication, applied mathematics, agricultural engineering technology and chemistry & physics.

The one-year National Certificate in Animal Production with a specialisation in Game & Wildlife Management will enable qualifying students to actively participate and gain knowledge in the Game and Wildlife industry.

Students will gain opportunities to access the Wildlife Industry on Local, National and International levels.

Specific competency will be obtained in economic and business management skills that are based on the technical knowledge of wildlife species within their natural habitat, ecological principles of regenerative conservation, game farm planning, consumptive and non-consumptive use of wildlife, and hospitality and tourism.

On completion, students will be well positioned to extend learning and practice into other sub-fields such as animal production, crop production, mixed farming and farm management through upskilling to the National Diploma in Animal Production with a specialisation in Game & Wildlife Management, on NQF level 5.

WHAT YOU STUDY

First Year modules

Semester 1

1. Introductory Modules (INDU110 & NATU110)
2. Basic Computer Skills (COMP110)
3. Communication Skills I (COMM114)
4. Applied Mathematics & Statistics I (MATH114)
5. Agricultural Science (AGSC110)
6. Agricultural Management & Economics I (AGMA114)
7. Animal Science I (ANIM114)
8. Game & Wildlife Management I (GAME114)

Semester 2

1. Communication Skills II (COMM124)
2. Agri Engineering Technology (ENGI124)
3. Agricultural Management & Economics I (AGMA124)
4. Animal Science I (ANIM124)

5. Grazing & Pasture Science I (GRAZ120)
6. Game & Wildlife Management I (GAME114)

Second Year modules

Semester 1

1. Applied Mathematics & Statistics II (MATH215)
2. Grazing & Pasture Science II (GRAZ210)
3. Animal Science II (ANIM215)
4. Game & Wildlife Management II (GAME215)

Semester 2

1. Agricultural Management & Economics II (AGMA225)
2. Grazing & Pasture Science II (GRAZ220)
3. Animal Science II (ANIM225)
4. Game & Wildlife Management II (GAME225)

ADMISSION REQUIREMENTS

The following minimum admission requirements will be required to enter for the National Diploma:

- National Senior Certificate (Grade 12), or National Certificate (Vocational) that allows entrance to Diploma or Higher Certificate studies
- Minimum Application Point of 20
- English tuition language with a minimum achievement level of 3 (40%)
- Mathematical Literacy with a minimum achievement level of 4 (50%), or
- Mathematics with a minimum achievement level 2 (30%)

CURRICULUM LAYOUT

First Year:

First Semester:

Introductory Modules

- Introduction to Agripedia (INDU110)
- Nature of Thought (NATU110)

Module 1: Basic Computer Skills (COMP110)

- Introduction to Computers
- Computer Components
- Operating Systems
- Electronic Communication
- Microsoft Office

Module 2: Communication Skills I (COMM114)

- Accommodate audience and context needs in oral/signed communication
- Interpret a variety of literary texts
- Interpret and use information from texts
- Write texts for a range of communicative contexts

Module 3: Applied Mathematics & Statistics I (MATH114)

- Conversions
- Quantities in Agriculture
- Circumference, Area, Volume & Distances
- 2 and 3 Dimensions
- Maps
- Data, Statistics & Probability in Agriculture
- Financial Mathematics

Module 4: Agricultural Sciences I (AGSC110)

- Animal & Plant Biology
- Basic Chemistry
- Ecology Principles

Module 5: Agricultural Management & Economics I (AGMA114)

- Farm Planning
- Introduction to Farm Management
- Human Resource Management
- Input Procurement, Purchasing & Stock Control

Module 6: Animal Sciences I (ANIM114)

- Classification & Nomenclature
- Genetics & Breeding
- Anatomy & Physiology

Module 7: Game & Wildlife Management I (GAME114)

- Game Farm Planning
- Game Species

First Year:

Second Semester:

Module 1: Communication Skills (COMM124)

- Engage in sustained oral communication and evaluate spoken texts
- Read analyse and respond to a variety of texts
- Use language and communication in occupational learning programmes
- Write for a wide range of contexts

Module 2: Agri Engineering Technology (ENGI124)

- Energy
- Agricultural Safety
- Tools & Equipment
- Structural Materials & Construction Processes
- Irrigation & Water Supply
- Geographic Information Systems

Module 3: Agricultural Management & Economics (AGMA124)

- Farm Business Planning
- Financial Management
- Natural & Sustainable Resources
- Marketing

Module 4: Animal Science (ANIM124)

- Animal Nutrition
- Predation Management
- Animal Diseases & Health (MSD)

Module 5: Grazing & Pasture Science (GRAZ120)

- Introduction to Veld Management
- Succession, Evolution and Veld Types
- Plant Identification
- Assessment of Veld Condition and Carrying Capacity

Module 6: Game & Wildlife Management I (GAME124)

- Game Management
- Hospitality & Tourism

SKILLS AND JOB OPPORTUNITIES

You will develop, over the tenure of your studies, a critical understanding of the Game and Wildlife Industry in Africa in the modern era and working in a global economy. You will gain practical and relevant skills that will enable you to work in the wildlife production sectors in sub-Saharan Africa.

The academic content is based on and supported by the latest industry developments, and these best practices will allow you to participate meaningfully as a supervisor in Game and Wildlife practices. Graduates will be able to enter the primary Wildlife Industry and establish a thriving career through hard work and commitment.

METHODOLOGY

The National Certificate in Animal Production with a specialisation in Game and Wildlife Management is presented as an exciting e-learning programme. This is done through self-study, reading and the online submission of assignments.

This is a participatory learning programme, where the student will also be able to communicate with fellow students across southern Africa via, Agri-social, our social media platform. This platform allows for questions to be discussed, and the opportunity to upload and share interesting articles, images, and videos. Throughout the academic year, lecturers will be available on the Agri-social platform. They are also readily accessible via email, SMS, WhatsApp or direct telephonic contact.

Theoretical studies are completed through our online Agri-learn platform and the student is provided with a practical logbook to achieve practical competencies and experiences in the student's workplace. Where needed, students will be assisted towards practical competence through our work placement programme.

ACADEMIC FEES

The following academic fees are applicable for 2023/2024.

Methods of payment:	Year 1 (2025): R 33 000
At registration:	R 3 000.00
Yearly Study Fee	R 30 000.00
Extra Qualification	R 9 500.00

ALTERNATIVE PAYMENT ARRANGEMENT

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



NATIONAL CERTIFICATE ANIMAL PRODUCTION

With a specialisation in Game & Wildlife Management

WHY i3A?

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

TO FIND OUT MORE

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