



CONTACT DETAILS

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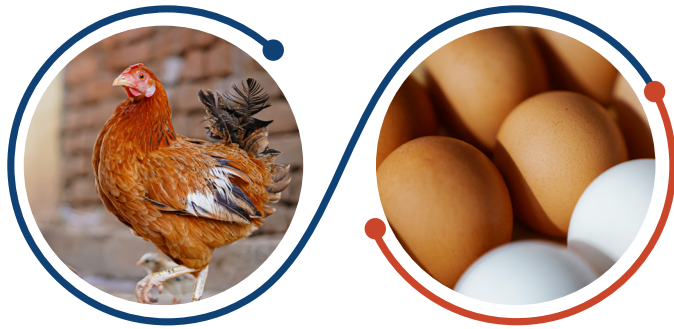
University of Venda

Creating Future Leaders



**FACULTY OF
SCIENCE, ENGINEERING
AND AGRICULTURE**

Department of Animal Sciences



ABOUT US

The Department of Animal Science, in line with the mission of the university, exists to provide appropriate knowledge and skills relevant to the needs of the people at all levels through teaching, research and active participation in community development. Modules have been designed to ensure that students acquire analytical, critical thinking, communication and computer literacy skills. Real life problems encountered in the commercial, small scale emerging and public sector are used to develop skills.

WHAT WE OFFER

- BSc degree (Undergraduate): 4 Years
- Bachelor of Science in Agriculture in Animal Science
- Code: AGBAAS
- MSc degrees (Postgraduate): 2 Years
- Master of Science in Agriculture in Animal Science
- Code: AGMAAS
- PhD degrees (Postgraduate): 3 Years
- Doctor of Philosophy in Agriculture in Animal Science
- Code: AGPPAS



SPECIALIZATIONS

Breeding: Apply genetic principles to improve the production efficiency of farm animals, meeting human demands for animal products.

Physiology and Health: Manage livestock reproduction and health, to ensure desirable reproductive outcomes and to maintain animal welfare.

Nutrition: Develop and implement economically viable, precision feeding strategies by integrating knowledge of animal biology, feed science, and environmental factors.

Production Systems & Management: Adopt a holistic approach to livestock production, with a focus on problem-solving in small-scale farming systems and improving production efficiency.

ADMISSION REQUIREMENTS

UMALUSI National Senior Certificate and an achieved-rating of at least 50–59% (NSC Level 4) in Mathematics and Physical Science, English or either Life Sciences or Agricultural Sciences.

(A Grade 12 certificate with a bachelor's degree/matric exemption if Grade 12 was completed before 2008).

In addition, applications should have a minimum APS score of 26.

CALCULATION OF ADMISSION POINT SCORE (APS)

MATRIC NSC LEVEL	PERCENTAGE	SCORE
A+(7) 9	0-100	9.0-10
A (7)	80-89	8.0-8.9
B (6)	70-79	7.0-7.9
C (5)	60-69	6.0-6.9
D (4)	50-59	5.0-5.9
E (3)	40-49	4.0-4.9

The APS does not include Life Orientation and Mathematics Literacy

POTENTIAL CAREERS

1. Commercial Livestock Production, Agribusiness & Entrepreneurship

- Livestock Production Farm Manager (beef, dairy, poultry, pork, small ruminants)
- Feedlot Manager and Production Supervisor
- Poultry Production Specialist (broilers and layers)
- Dairy Herd Manager and Milk Production Specialist
- Feed production and distribution entrepreneur
- Livestock consultancy services

2. Animal Nutrition, Feed Industry & Input Supply

- Animal Nutritionist
- Technical Sales Representative (animal feeds, additives, veterinary products)
- Feed Mill Supervisor / Quality Control Officer

3. Research, Innovation & Biotechnology

- Research Scientist (Universities, Agricultural Research Council, Private sector)
- Laboratory Technologist / Technician
- Animal Breeding and Genetics Specialist

4. Government, Regulatory & Development Sector

- Agricultural Extension Officer (Department of Agriculture)
- Animal Health and Biosecurity Officer
- Meat Inspector / Abattoir Compliance Officer
- Development Practitioner (NGOs, rural development programmes)

5. Education, Training & Capacity Building

- Agricultural Educator (TVET colleges, Schools)