

BScAgric (Animal Science)

Animal production is one of the major sectors in South African agriculture and contributes substantially to the economy of the country. Animal Science is the science of livestock production, with a focus on animal breeding and genetics, animal nutrition, and production animal physiology (growth and reproduction physiology). Animal science covers most aspects of animal production and animal products. This includes the husbandry of several livestock species (cattle, sheep, goats, pigs, poultry, ostriches and horses), and the products derived from them (meat, milk and dairy products, wool, mohair, eggs, skins, leather and feathers). It also includes the nutrition and breeding of companion animals, as well as the production of aquatic (fish, etc.) and wildlife species.

Who is the ideal candidate?

The ideal candidate is someone who is interested in caring and working with livestock, game and companion animals, as well as those interested in sustainable animal production for food and profit.

What makes this programme unique?

BScAgric (Animal Science) graduates can register as professional animal scientists and make a meaningful contribution to better animal husbandry practices and sustainable food production for profit.

Which companies employ our graduates?

Our graduates are employed by:

- Animal feed companies like Afgri, Molatek, Nutrifeds and AFMA
- Pharmaceutical companies,
- Agricultural Research Council,
- Universities and Universities of Technology
- Private consultant
- Agricultural co-operations
- Semen and embryo collection and artificial insemination companies
- Breeders' societies
- SA Studbook
- Nature reserves and game farms
- NGOs and Department of Agriculture

What career opportunities exist for graduates?

Depending on the level of specialisation in animal science, employment opportunities may be found in the following fields:

- Agricultural development institutions (eg NGOs, Department of Agriculture)
- Animal husbandry industry (eg feed companies, small or large livestock production systems ranging from small farms to large systems like Sernic, Topigs, feedlots or abattoirs, and animal breeding companies like SA Studbook, animal breed societies, or in the corporate sector)
- Animal products industry (eg dairy products)
- Breeding organisations (eg breeders' societies, SA Studbook)
- Consultancy and advisory services (eg private consultant, agricultural co-operations)
- Educational institutions (eg universities, technical colleges)
- Feed industry (eg animal feed production companies)
- Legislative/regulative institutions (eg Department of Agriculture)
- Nature conservation institutions (eg nature reserves, game farms)
- Pharmaceutical industry (eg pharmaceutical companies)
- Research institutions (eg the Agricultural Research Council)
- Semen and embryo collection and artificial insemination companies (eg Embryo plus)

Minimum admission requirements

Programme	Minimum requirements for NSC and IEB for 2022			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
BScAgric (Animal Science) [4 years] Closing dates: SA – 30 September, Non-SA – 31 August	5	5	5	32