

# **BScAgric: Animal Production Systems**

Animal Sciences is the scientific study of the nutrition, breeding, physiology and production of animals. This includes not only aspects of farming with cattle, sheep, pigs and goats, but is an encompassing field studying a wide range of species, such as milk and meat cattle, wool and meat sheep, game, poultry and ostrich. This also includes the study of aquaculture, or fish and shellfish species, for example trout, tilapia, salmon and abalone. In the broad area of Animal Production Systems you can choose a field of study from Animal Science alone or in combination with Agronomy or Aquaculture.

## **Admission requirements**

A National Senior Certificate (NSC) as certified by Umalusi with an achievement of at least 5 (60%) in four designated university entrance subjects.	Afrikaans or English (Home language or first additional language) <b>4</b> Mathematics <b>5</b>
An achievement of at least <b>60%</b> (excluding Life Orientation) obtained for the NSC.	Physical Sciences <b>4 OR</b> Physical Sciences 3 and Life Sciences 4 <b>OR</b> Physical Sciences
Write the compulsory National Benchmark Test (NBTs)	<b>3</b> and Agricultural Sciences <b>6</b>

## **FIELDS OF STUDY**

<i>First year</i>	<i>Second year</i>	<i>Third year</i>	<i>Fourth year</i>
<b>Animal Science</b>			
Biology 124(16),154(16) Chemistry 124(16), 144(16) Animal Science 144(16) Physics(Bio) 134(16), 154(16) Computer Literacy 171(4) Mathematics (Bio) 124(16)	Biochemistry 214(16), 244(16) Biometry 212(8), 242(8) Physiology and Animal Physiology 214(16) Microbiology 214(16) Physiology and Animal Physiology 244 (16) or Microbiology 244 (16) Genetics 214(16), 244(16) Animal Science 244(16)	Biometry 312(8), 324(8) Animal Physiology 324(16), 344(16) Animal Nutrition Science 324(16), 344(16) Genetics 324(16), 354(16) Animal Products Science 352(8)	Animal Breeding Science 424(16), 454(16) Animal Nutrition Science 414(16), 444(16) Animal Husbandry 434(16), 464(16) Animal Science 442(8) Animal Products Science 334(16) Agronomy 324(16)
<b>Animal Science with Agronomy</b>			
Biology 124(16), 154(16) Chemistry 124(16), 144(16) Physics (Bio) 134(16), 154(16) Computer Literacy 171(4) Mathematics (Bio) 124(16) Animal Science 144(16) or Biology 144(16)	Biochemistry 214(16), 244(16) Biometry 212(8), 242(8) Genetics 214(16), 244(16) Crop Production 214(16) Physiology and Animal Physiology 214(16), 244(16) Animal Science 244(16)	Agronomy 322(8), 332(8) Biometry 312(8), 324(8) Animal Physiology 324(16), 344(16) Animal Nutrition Science 324(16), 344(16) Genetics 324(16), 354(16) Animal Products Science 352(8)	Agronomy 424(16), 454(16) Animal Breeding Science 424(16),454(16) Animal Nutrition Science 414(16), 444(16) Animal Husbandry 464(16) Animal Products Science 334(16) Animal Science 442(8)
<b>Animal Science with Aquaculture</b>			
Biology 124(16),154(16) Chemistry 124(16), 144(16) Animal Science 144(16) Physics(Bio) 134(16), 154(16) Computer Literacy 171(4) Mathematics (Bio) 124(16)	Biochemistry 214(16), 244(16) Biometry 212(8), 242(8) Genetics 214(16), 244(16) Physiology and Animal Physiology 214(16), 244(16) Animal Science 244(16)	Aquaculture 314(16), 344(16) Biometry 312(8), 342(8) Animal Physiology 324(16), 344(16) Animal Nutrition Science 324(16), 344(16) Genetics 324(16), 354(16)	Aquaculture 414(16), 444(16), 478(32) Conservation Ecology 424(16) Animal Breeding Science 424(16) Animal Nutrition Science 414(16), 444(16)

**For additional information, please contact us @ Department of Animal Sciences (Tel.: 021-808 4916)**

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**OR** visit our web page @ <http://www.sun.ac.za/animal>