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# University of Pretoria Yearbook 2022

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## Growth physiology 320 (DFS 320)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	12.00
<b>NQF Level</b>	07
<b>Programmes</b>	<a href="#">BScAgric (Animal Science)</a>
<b>Prerequisites</b>	DFS 311 GS
<b>Contact time</b>	1 practical every 2nd week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Animal Science
<b>Period of presentation</b>	Semester 2

### Module content

Functional anatomy, growth and development of tissues and organ systems. The underlying physiological processes in growth and development. Pre- and postnatal growth and factors which determine growth rate: growth curves, stimulants of growth, age, nutrition, breed, sex. Changes during maturation, reproduction, the post-partum period and lactation. Ageing and tissue changes with erosion diseases. The influence of hormones, production and reproduction on conformation and a critical evaluation of assessment of animals for functional efficiency.

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