



University of Pretoria Yearbook 2020

Growth physiology 320 (DFS 320)

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| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 12.00 |
| Programmes | BScAgric Animal Science |
| Prerequisites | DFS 311 GS |
| Contact time | 1 practical every 2nd week |
| Language of tuition | Module is presented in English |
| Department | Animal and Wildlife Sciences |
| Period of presentation | 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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