# University of Pretoria Yearbook 2018

# 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 |
| **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.