

University of Pretoria Yearbook 2016

Nutrition science 301 (VGE 301)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 32.00

Programmes [BScAgric Animal Science](#)

[BScAgric Animal Science: Pasture Science](#)

Prerequisites BCM 261 and BCM 262 and DAF 200 and VKU 250 and VKU 260

Contact time 3 lectures per week, fortnightly practicals

Language of tuition Both Afr and Eng

Academic organisation Animal and Wildlife Sciences

Period of presentation Year

Module content

Digestion and metabolism of feeds. The division of food energy and food energy systems. Protein quality and requirements. Mineral and vitamin requirements. Nutritional standards. Voluntary intake. Characteristics of fodder. Rumen function and microbial fermentation. Practical work: In vivo and in vitro digestibility studies.

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