

# 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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