

University of Pretoria Yearbook 2020

Animal nutrition 703 (VGE 703)

Qualification Postgraduate

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

Module credits 50.00

Prerequisites No prerequisites.

Contact time 1 discussion class per week, 1 practical per week, 5 lectures per week

Language of tuition Module is presented in English

Department Animal and Wildlife Sciences

Period of presentation Year

Module content

Advanced study with specialisation in the nutrition of monogastric species for example poultry, dogs and pigs. Advanced study of foregut and hindgut digestive processes and flow dynamics. Manipulation of digestion, end product metabolism, ad libitum and controlled feed intake. Energy, protein, mineral and vitamin requirements and standards for beef and dairy cattle, small stock and horses. Appropriate ration formulation. The study embodies lectures, seminars, practical assignments and a research project with the results reported in a research paper. (Theoretical components include VGE 411, VGE 421 and VGE 423.)

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