

University of Pretoria Yearbook 2017

Animal anatomy and physiology 200 (DAF 200)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	32.00
Programmes	BSc Biotechnology BScAgric Animal and Pasture Science BScAgric Animal Science
Prerequisites	CMY 127 or TDH
Contact time	1 practical every 2nd week, 4 lectures per week
Language of tuition	Module is presented in English
Academic organisation	Animal and Wildlife Sciences
Period of presentation	Year

Module content

The body cavities, the origin of trunk wall and the principle arrangement of other anatomical structures as explained by the basic embryological development of mammals. Introduction to anatomy and anatomical terminology. Introduction to basic histology of cells, epithelial tissue and connective tissue. Basic anatomy of tissues, organs, systems and joints. Anatomy of the musculo-skeletal system integrated, the histology of connective tissue and muscles. The anatomy and histology of the integument and skin structures, the cardiovascular, respiratory, immune, endocrine, urogenital and digestive systems all of which serves as basis for the physiology component of the module. General species differences of the anatomy and histology where applicable.

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