

University of Pretoria Yearbook 2020

Reproductive physiology of animals 702 (RPT 702)

Qualification	Postgraduate
Faculty	Faculty of Veterinary Science
Module credits	30.00
Programmes	PGDip Animal Welfare PGDip Production Animals PGDip State Veterinary Medicine PGDip Veterinary Clinical Sciences PGDip Veterinary General
Language of tuition	Module is presented in English
Department	Production Animal Studies
Period of presentation	Year

Module content

Students will gain advanced theoretical knowledge of general reproductive endocrinology and physiology of animals. It includes detailed knowledge and application of the structures of different hormone groups, forms of storage, transportation, methods of action and secretion control mechanisms: hormonal control of female reproductive cycles; fertilisation, sexing, gestation, pathogenesis of teratogenic deviations and partus, the puerperal period and re-implantation; male reproductive endocrinology and physiology; examining of fresh and frozen semen, including advanced methods; the use of hormone profiles to monitor gestation and cycles, and artificial breeding.

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