

# University of Pretoria Yearbook 2022

## Reproductive physiology of animals 702 (RPT 702)

**Qualification** Postgraduate

**Faculty** [Faculty of Veterinary Science](#)

**Module credits** 30.00

**NQF Level** 08

**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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