**Obstetric of farm & Pet Animals (THE. 514)**

**Overall aims of the Course:**

* Understanding the normal pregnancy, normal birth and normal puerperium in farm and pet animals. By the end of the course, students should be able to diagnose dystocia and demonstrated with limited reliance on guidance to help the animal during birth through different interferences such as correction, pulling, Caesarean section and fetotomy..
* Pursue evaluation of parturition problems.
* Master the main tools of diagnosis of dystocia in farm and pet animals.
* Define normal pregnancy, normal birth and normal puerperium in farm and pet animals.

**Course contents:**

* Gestation period & signs of maturity
* Diseases of the fetal membranes
* Placentation & Fetal fluids Diseases of the fetal fluids
* Fetal abnormalities
* Extra-uterine pregnancy
* Hormonal regulation of pregnancy
* Intra-uterine fetal death
* Disturbances of pregnancy
* Theories of birth
* Vaginal and uterine prolapse
* Presentation, position & posture
* Uterine torsion
* Normal birth & care of the dam
* Preparturient examination of the dam
* Dystocia
* Scheme of obstetrical examination (1).
* Scheme of obstetrical examination (2)
* Correction of abnormal P.P.P. & traction
* Normal puerperium Fetotomy
* Pathology of puerperium
* Caesarean section Induction of parturition & abortion
* Normal and abnormal pregnancy and endocrinology of pregnancy in dog and cats.
* Unwanted mating and pregnancy termination in dog and cats
* Normal and abnormal parturition
* Normal and abnormal puerperium in dog and cats