

Principle Courses for PhD

Code & Name	Content
<u>SAR – 2200</u> DIAGNOSTIC IMAGING	<ul style="list-style-type: none">-Introduction-X- ray production-X-ray beam calibrations-Scattered X-rays-Processing of X-ray (chemicals and films)-Interpretation of X-ray films-Topographical anatomy of on X-ray films-Contrast X-ray techniques-Positioning of different animals regions-X-ray hazards, protection and safety-X-ray imaging of different body systems (digestive, urogenital, respiratory, bones, joints and vertebrae)-Ultrasonographic examination and diagnosis
<u>SAR – 2201</u> ANAESTHESIA	<ul style="list-style-type: none">-Introduction-Types of anesthesia-Premedication-Local anesthesia-Regional anesthesia-General anesthesia-Emergency anesthesia-Anesthesia of different animals-Anesthesia of different body systems-Recovery from anesthesia and complications.