

## 11<sup>th</sup> semester SAS requirements

### Anaesthesiology:

- pre-anaesthetic examination
- different anaesthesia methods
- setting up different breathing circuits, pre-anaesthesia check-up of anaesthetic machines
- application of different ASA protocols (premedication, induction, maintenance)
- diagnosis and treatment of anaesthesia emergencies
- peri-operative anaesthesia monitoring
- peri-operative analgesia

### Radiology:

- radiation safety
- general aspect of radiology (projections, exposition, development)
- contrast materials and techniques
- analysis of radiographs

### General surgery:

- general surgical examination
- emergency patient diagnosis and treatment
- closed and open injuries – diagnosis and treatment
- bandaging

### General operative surgery:

- surgical instrumentation
- surgical suture materials
- creating surgical wounds and suturing

### Soft tissue surgery:

- basic oncological procedures (biopsies)
- basic abdominal surgery (laparotomy, navigation in the abdomen, closure)

### Orthopaedics:

- lameness diagnosis
- basic procedures in bone and joint surgery

### Neurosurgery:

- neurologic examination
- basic procedures in neurosurgery