

Program of lectures on Animal Anatomy for first-year Veterinary Medicine students

1st semester

Dissecting room 11, Department of Animal Anatomy, Street: Oczapowskiego 13 Building 105J

1. Osteology – [09-10-2023; dr hab. Franke-Radowiecka]

Animal anatomy – general course information; body terminology: axes, planes and directions; comparative anatomy of skeletons in different domestic animal species; nasal cavity, nasal and ethmoid turbinates, paranasal sinuses; comparative anatomy of the hyoid apparatus

2. Central nervous system (CNS) – [11-10-2023; dr hab. Waldemar Sienkiewicz, prof. UWM]

General information on the CNS; division of the CNS; anatomy of the rhombencephalon (hindbrain)

3. Central nervous system (CNS) – [18-10-2023; dr hab. Waldemar Sienkiewicz, prof. UWM]

Anatomy of the mesencephalon (midbrain) and diencephalon (interbrain)

4. Central nervous system (CNS) – [25-10-2023; dr hab. Waldemar Sienkiewicz, prof. UWM]

Anatomy of the telencephalon (cerebrum) and spinal cord

5. Syndesmology – [08-11-2023; dr Natalia Kasica]

Types and subtypes of bone junctions

- a) synarthroses – syndesmosis (fibrous joint), synchondrosis (cartilaginous joint), synostosis, synsarcosis
- b) articular joints – general anatomy, types of articular joints (simple, compound, complex), morphological classification [ball and socket joint, hinge joint, pivot joint, saddle joint, condyloid (ellipsoid) joint, gliding (plane) joint]

Joints of the skull and axial skeleton; anatomy of the nuchal ligament

6. Central nervous system (CNS) – [15-11-2023; dr hab. Waldemar Sienkiewicz, prof. UWM]

Ventricular system; meninges of brain and spinal cord; cerebrospinal fluid; dural venous sinuses

7. Skeletal muscles – [22-11-2023; dr Natalia Kasica]

Types of muscles (static, dynamic, unipennate, bipennate, multipennate); auxiliary organs of skeletal muscles; anatomy of the abdominal rectus muscle sheath; anatomy of the inguinal canal; anatomy of the muscular lacuna and vascular lacuna, comparative anatomy of the diaphragm

8. Spinal nerve and the autonomic nervous system (AUN) – [29-11-2023; dr Natalia Kasica]

Anatomy (functional) of the spinal nerve (dorsal and ventral root, trunk, branches); nerve plexuses; AUN – sympathetic (sympathetic trunk and prevertebral ganglia) and parasympathetic divisions

9. Thoracic limb – [06-12-2023; dr Magdalena Klimczuk]

Brachial plexus; nerves and muscle groups; vascularization

10. Thoracic limb (forelimb) – [13-12-2023; dr hab. Waldemar Sienkiewicz, prof. UWM]

Stay apparatus of the thoracic and limb of the horse; anatomy (comparative) of the (cloven) hoof

11. Pelvic limb (hindlimb) – [20-12-2023; dr Magdalena Klimczuk]

Lumbosacral plexus; nerves and muscle groups; vascularization

12. Pelvic limb (hindlimb) – [03-01-2024; dr Magdalena Klimczuk]

Femoral triangles; popliteal fossa

13. Anatomy of the head – [10-01-2024; prof. Jerzy Kaleczyc]

Anatomy of the oral cavity: lips, cheeks, gums, teeth, tongue, salivary glands

14. Anatomy of the head – [17-01-2024; prof. Jerzy Kaleczyc]

Anatomy of the pharynx; Waldeyer's lymphatic ring: tonsils

15. Anatomy of the head – [24-01-2024; prof. Jerzy Kaleczyc]

Anatomy of the nasal cavity; paranasal sinuses, anatomy of the larynx