General information		
Academic subject	**Topographic Anatomy**	
Degree course	Veterinary Medicine	
Academic Year	2021/2022	
European Credit Transfer and Accumulation System (ECTS)		3
Language	Italian	
Academic calendar (starting and ending date)	IV two months	
Attendance	Mandatory	

Professor/ Lecturer	
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Department and address	Veterinary Medicine Campus – Valenzano (BA)
Virtual headquarters	evtlqzp
Tutoring (time and day)	15:30 - 17:30 Monday-Wednesday- Friday. (other days by appointment)

Syllabus	
Learning Objectives	The course is aimed at providing knowledge concerning limits, relations and stratigraphy of the various regions of the animal body as well as the relations between the organs located within the cavities, blood vessels, nerves and lymphocentres. During practical activity the students will make dissection of animals or their parts in order to apply the knowledge of Anatomy to the clinical and inspective practices of domestic mammals, with particular regard to horse and carnivora.
Course prerequisites	The student(s) must have passed the Anatomy 1 exam as well as they must have knowledge of gross and microscopic anatomy of the organs located within the body cavities of domestic mammals.
Contents	Limits, anatomical relationship, stratigraphy, principal blood vessels, nerves and lymphocentres of the body regions (head, neck, thorax, abdomen, pelvis, forelimbs, hindlimbs) and the organs located within the cavities of herbivores and carnivora.
Books and bibliography	Merighi A: Anatomia applicata e Topografia regionale veterinaria. Ed. Piccin Pelagalli GV, Botte V: Anatomia Topografica Veterinaria. Edi-Ermes König HE, Liebich HG: Anatomia degli animali domestici. Ed.Piccin Popesko P: Atlante di Anatomia Topografica degli Animali Domestici voll. I, II, III. Ed. Grasso Gil J, Gimeno M, Laborda J, Nuviala J: Anatomia del cane. Protocolli di dissezione. Ed. Piccin Saunders: Anatomia veterinaria da colorare. Ed. Piccin
Additional materials	Lecture notes and dissection videos.

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			

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75	20	25	30
ECTS			
3	2	1	

Teaching strategy	The course is divided in lectures (20 hours) and practical activities (25 hours). During the practical activity the students will work on cadavers (dogs, cats, sheep) and forelimbs and hindlimbs of large mammals (horse or cattle) under the guide of the lecturer. The practical activity is aimed at undertaking the dissection of body regions to analyze the stratigraphy, the vascularization, the innervation, and lymphocentres as well as the topography of organs present in the body cavities.
Expected learning outcomes	
Knowledge and understanding on:	○ regions of the animal body ○ limits, relations and stratigraphy of the regions of the animal body ○ regional blood vessels, nerves and lymphocentres ○ regional differences between herbivores and carnivora
Applying knowledge and understanding on:	○ recognize limits and relations of the regions of the animal body ○ identify the structures constituting the regional stratigraphy ○ identify the regional blood vessels and nerves and follow their course
Soft skills	• Making informed judgments and choices At the end of the course the Student will be able to ○ propose the most useful approach to analyze the different zones constituting a specific anatomical region ○ correlate the morphology and the location of regional structures to regional function ○ highlight the regional differences between herbivores and carnivora • Communicating knowledge and understanding At the end of the course the Student will be able to ○ describe exactly the body regions and visceral topography ○ describe thoroughly body regions and visceral topography ○ describe understandably body regions and visceral topography • Capacities to continue learning At the end of the course the Student will be able to ○ understand scientific reports in order to autonomously learn additional anatomical information obtained by new medical, surgical and inspection methodologies.

Assessment and feedback	
Methods of assessment	Students will take an oral exam. The students will be evaluated for their knowledge of the aforementioned learning objectives. Great importance will be given to the accuracy, completeness and quality of exposure to the asked questions.
Evaluation criteria	• Knowledge and understanding ○ course content: limits, relations, stratigraphy, blood vessels, nerves and lymphocentres of the regions of the animal body • Applying knowledge and understanding ○ to project the deep structures on the surface of body • Autonomy of judgment ○ to suggest the best approach for localizing and indetifying specific anatomical structures • Communicating knowledge and understanding ○ exact, complete, and understandable description of the topics covered in

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	the course • Communication skills ○ communication of the learnings autonomously
Criteria for assessment and attribution of the final mark	The final mark is expressed out of 30. The student will be required, in succession, three separate topics. The exam is passed if the grade is at least 18/30. Each topic has the same weight in the attribution of the final mark. A high mark will be given if the student demonstrates a great accuracy, completeness, quality of exposure and autonomy of judgment to the asked questions.
Additional information	The mark will be averaged with the mark obtained in the exam of "Anatomy of domestic animal 2".

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