Module code	M_WE_SEM4 PW 1C2C_ ANAT CHIR
Field of study	Veterinary medicine
Module name, also the name in English	Surgical anatomy of small animals
	Anatomia chirurgiczna małych zwierząt
Language of instruction	English
Module type	elective
Level of studies	Long-cycle master's degree studies
Form of study	Full-time
Year of study in the field of study	II
Semester of study in the field of study	IV
ECTS credits, divided into contact/non-contact hours	1 (0.6/0.4)
Academic title/degree, name of the person responsible for the module	Dr Radosław Szalak
Unit teaching the module	Department of Animal Anatomy and Histology, Sub-Department of Animal Anatomy
Module objective	The aim of the module is to provide knowledge on how the anatomical structure determines the performance of selected surgical procedures in small animals (dog, cat). Familiarising students with the applicability of anatomical knowledge regarding the structure of the perianal sinuses, penis, stomach, hip joint, knee joint, and scrotum requiring surgical intervention.
The learning outcomes for the module include a description of the knowledge, skills and social competences that the student will gain after completing the module.	Knowledge:
	K1 The student knows anatomical conditions affecting the development of medical conditions requiring surgical intervention.
	Skills:
	S1 the student is the ability to correlate anatomical conditions to specific conditions requiring surgical intervention.
	Social competences:
	Sc1 the student is aware of the interdisciplinary significance of anatomical knowledge used in veterinary surgery
	Sc2 the student objectively determines the extent of knowledge he/she has acquired and is ready to discuss the skills acquired.
Prerequisites and additional requirements	NONE

<table>
<tr><td>Module program content</td><td>1) Discussing requirements for passing the module, recommended literature and OHS regulations - 1 hour.
2) Perianal sinuses: anatomical basis for surgical intervention - 2 hours.
3) Penis: penile anatomical structure predisposing to urethral obstruction- 2 hours.
4) The stomach: anatomical structure of the stomach as a cause of gastric torsion - 2 hrs.
5) The hip joint: does the anatomical structure of the pelvic limb, particularly the hip joint region, predispose to hip dysplasia? - 2 hrs.
6) The knee joint: anatomical features of the joint as a factor in intracranial cruciate ligament rupture - 2 hours.
7) Scrotal sac: anatomical structure of the scrotum and peritoneal relations as a basis for correct performance of castration procedure - 2 hours.
8) Verifying the knowledge of the correlation between anatomical structure and surgery to its practical application in surgical procedures- 2 hours.</td></tr>
<tr><td>List of core and supplementary literature</td><td>1. Konig H. E., Liebich H-G.: Anatomy of domestic animals
2. Boyd J.S.: Color atlas of clinical anatomy of the dog & cat, Elsevier, Spain 2001
Done S.H., Goody P.C., Evans S.A., Stickland N.C.: Color atlas of veterinary anatomy the dog & cat, Elsevier, Spain 2006
4. Fossum T.W.: Surgery of small animals Elsevier</td></tr>
<tr><td>Planned forms/activities/teaching methods</td><td>Practical classes (preparation), multimedia presentation, discussion</td></tr>
<tr><td>Verification methods and ways of documenting the achieved learning outcomes.</td><td>At the end of the module there is one theoretical-practical credit verifying the acquired knowledge of the topics covered over the course of practical classes.
Credit is given in written form (open and closed questions). Students earns 1 point for each correct answer. The credit also includes a practical form verified during the classes (the student answers the teacher's questions about the preparation, demonstrating practical knowledge).
The credit grade equals the final module grade. In addition, attendance at at least 85% of the exercises in the module plan is required to pass the elective.
Final grading criteria:
0 - 50% - unsatisfactory
51 - 56% - satisfactory
61 - 69% - satisfactory plus
64 - 71% - good
72 - 84% - good plus
85 - 100% - very good</td></tr>
<tr><td>ECTS credits</td><td><table>
<tr><td colspan="3">CONTACT</td></tr>
<tr><td></td><td>Hours</td><td>ECTS credits</td></tr>
<tr><td>Practical classes</td><td>15</td><td>0.6</td></tr>
<tr><td>TOTAL contact hours</td><td>15</td><td>0.6</td></tr>
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	NON-CONTACT		
	Preparation for classes	6	0.24
	Literature study	4	0.16
	TOTAL non-contact hours	10	0.4
The workload of activities that requires direct participation of an academic teacher	Attendance at practical classes: 15hrs- 0,6 ECTS points		
Relation of module learning outcomes to course learning outcomes.	K1 --- A.W10. + S1 --- A.U6. ++; A.U13. +; A.U15.++ Sc1 --- K4) +++; K6) +; K8) ++; K9) + Sc2 --- K4) +++; K6) ++; K9) +		
Elements and values affecting the final grade	Credit - 100% of value		