

**Załącznik do Uchwały nr 59/2020-2021
Senatu UP w Lublinie z dnia 25 czerwca 2021 r.**

Field of study	Animal behaviour studies
Module of education	Basic physiological indicators of companion animals
Language of lecture	english
Type of education module (obligatory/optional)	obligatory
Level of education module	first level
Form of study	stationary studies
Year of study	3
Semester of study	5
Number of ECTS points (contact / non-contact)	3 (1,4/1,6)
Name and surname of the responsible person, academic degree	Dr lek. wet. Aleksandra Garbiec
Unit offering the module	Department of Animal Ethology and Wildlife Management
The aim of module	The aim of the module is to familiarize students with reference values of physiological indicators in companion animals.
Learning outcomes for the module is a description of the knowledge, skills and social competences that the student will achieve after completing the course.	Knowledge:
	K1. Student knows the reference values of body temperature, breath and heart rate in a dog and a domestic cat
	K2: Student knows the reference values of blood morphology and biochemistry parameters
	Skills:
	S1. Student independently evaluates basic life parameters such as body temperature, number of breaths per minute and heart rate in a dog and domestic cat
	S2. Student can correctly read and interpret the results of tests used in laboratory diagnostics
	S3. Student can choose correct blood biochemistry parameters to assess functioning of each body organs
	Social competence:
	Sc1. Student can interact and work in a group, taking on different roles in it
Sc2. Student analyzes the knowledge and commitment of the animal's carer / owner and his psychological and economic predispositions	
Prerequisites and additional requirements	Completed modules: Introduction to behavioral science, Anatomy of animals, Physiology of animals
Module content	Basics of dog and cat physiology. Reference values for basic vital parameters such as heart rate, respiratory rate, and temperature. Reference values of basic blood morphological and biochemical parameters. Species differences in the values of

	individual physiological parameters. The influence of age on the values of physiological parameters in companion animals.
Recommended reading list or obligatory reading	Diagnostyka laboratoryjna wybranych jednostek chorobowych u psów / Anna Winnicka. Wyd. SI-MA Diagnostyka ultrasonograficzna małych zwierząt / Paddy Mannion. Wyd. Triangulum Diagnostyka radiologiczna w weterynarii / [ed. by] Donald E. Thrall. Wyd. Elsevier Urban
Planned teaching forms/actions/methods	Teaching methods: Lecture: informative lecture illustrated with materials in the form of multimedia presentations Auditorium exercises: analysis of material presented in the form of multimedia presentations with a discussion on a given topic. Laboratory exercises: presentation of modern laboratory techniques - work in groups.
Methods of verification and documentation of achieved learning outcomes	Criteria used for evaluation 3.0 - student shows a sufficient degree of knowledge or skills, obtains from 51 to 60% of the sum of points determining the maximum level of knowledge or skills in the subject, 3.5 - a student shows a sufficient plus degree of knowledge or skills when he / she obtains 61 to 70% of the sum of points determining the maximum level of knowledge or skills in the subject, 4.0 - the student shows good mastery of knowledge or skills, obtaining from 71 to 80% of the sum of points determining the maximum level of knowledge or skills in the subject, 4.5 - the student shows a good level of knowledge or skills, obtaining from 81 to 90% of the sum of points determining the maximum level of knowledge or skills in the subject, 5.0 - the student masters a very good range of knowledge or skills, obtaining above 91% of the sum of points determining the maximum level of knowledge or skills in the subject. Knowledge: assessment of the written test and exam Skills: project presentation and evaluation Social competences: activity during classes, presentation and evaluation of the project
Elements and weights affecting the final grade	The final grade is influenced by the average grade from the exam (50%), grade from exercises (average from project work + stage credits) (40%), evaluation of discussion and involvement in classes (10%). These conditions are presented to students and consulted with them during the first lecture.

Balance of ECTS credits	<p>contact</p> <table border="0"> <thead> <tr> <th></th> <th>hours</th> <th>ECTS</th> </tr> </thead> <tbody> <tr> <td>lectures</td> <td>15</td> <td>0,6</td> </tr> <tr> <td>exercises</td> <td>15</td> <td>0,6</td> </tr> <tr> <td>consultations</td> <td>5</td> <td>0,2</td> </tr> <tr> <td colspan="3">total 35 h. (1,4 ECTS)</td> </tr> </tbody> </table> <p>non-contact</p> <table border="0"> <thead> <tr> <th></th> <th>hours</th> <th>ECTS</th> </tr> </thead> <tbody> <tr> <td>preparation for classes</td> <td>30</td> <td>1,2</td> </tr> <tr> <td>studying literature</td> <td>10</td> <td>0,4</td> </tr> <tr> <td colspan="3">total 40 h. (1,6 ECTS)</td> </tr> </tbody> </table>		hours	ECTS	lectures	15	0,6	exercises	15	0,6	consultations	5	0,2	total 35 h. (1,4 ECTS)				hours	ECTS	preparation for classes	30	1,2	studying literature	10	0,4	total 40 h. (1,6 ECTS)		
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Workload associated with activities that require direct participation of teachers:	lectures – 15 h.; exercises – 15 – h.; consultations – 5 h.,																											
Relation of modular learning outcomes to directional learning outcomes	ABs1- K05; ABs2- K05 ABs1 -S02; ABs2 -S02; ABs3- S02; ABs1- Sc03; ABs2 -Sc03;																											