

Module code	M_WE_SEM9 PW 1G/2G POM DOR
Field of study	Veterinary medicine
Module name, also the name in English	Emergency relief in life-threatening of animals Pomoc doraźna w nagłych przypadkach
Language of instruction	English
Module type	Optional
Level of studies	Long-cycle master's degree studies
Form of study	Full-time
Year of study in the field of study	V
Semester of study in the field of study	IX
ECTS credits, divided into contact/non-contact hours	Total 1 (0,6/0,4)
Academic title/degree, name of the person responsible for the module	Dr n. wet. Beata Abramowicz
Unit teaching the module	Department and Clinic of Internal Animal Diseases
Module objective	The aim of the course is to gain knowledge of recognizing life-threatening emergencies of animals, assess the consequences of them, and make independent decisions about securing vital functions before specialised diagnosis and therapy.
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 demonstrates knowledge of basic live-saving techniques.
	K2. The student has basic knowledge of securing vital functions of animals.
	K3. The student has a general knowledge of drugs used in sudden life-threatening emergencies of animals.
	Skills:
	S1. The student has an ability to recognize life-threatening emergencies of animals.
	S2. The student knows how to handle an unconscious animal
	S3. The student performs cardiopulmonary resuscitation (CPR) with and without the use of specialised equipment under the supervision of the tutor.
	S4. The student has skills to manage a patient after an accident (head injury, spinal injury, hemorrhage, etc.)
	Social competences:
	C1. The student understands the need to broaden knowledge related to helping animals in life-threatening situations.
	C2. The student correctly identifies and resolves dilemmas related to saving animal lives
	C3. The student can interact and work in a group, taking on various roles
C 4 The student can provide first aid to animals in stressful conditions.	
Prerequisites and additional requirements	None

Module program content	<ol style="list-style-type: none"> <li>1. Acute life-threatening conditions - 1 h</li> <li>2. Evaluation of patient condition - 1 h</li> <li>3. Additional examinations in acute life-threatening conditions - 1 h</li> <li>4. Resuscitation and CPR - 1 h</li> <li>5. Emergency relief in respiratory diseases - 1 h</li> <li>6. Emergency relief in circulatory diseases - 1 h</li> <li>7. Emergency relief in digestive system diseases - 1 h</li> <li>8. Emergency relief in urinary system diseases - 1 h</li> <li>9. Emergency relief in nervous system and sensory system diseases 1 h</li> <li>10. Emergency relief in metabolic disorders - 1 h</li> <li>11. Emergency relief in blood disorders - 1 h</li> <li>12. Emergency relief in acute intoxications - 1 h</li> <li>13. Multi-organ injuries - 1 h</li> <li>14. Anesthesia in acute life-threatening conditions - 1 h</li> <li>15. Credit - 1 h</li> </ol>														
List of core and supplementary literature	<ol style="list-style-type: none"> <li>1. Nelson R.W. Couto G.C.: Small Animal Internal Medicine Elsevier 2008</li> <li>2. Plunket S.J.: Emergency procedures for the Small Animal Veterinarian Elsevier, 2009</li> <li>3. Williams D.L., Barrie K., Evans T.F.: Veterinary Ocular Emergencies, Elsevier, 2002</li> <li>4. Mischke R.: Practical haematology of dogs and cats. Galaktyka, 2003</li> <li>5. Available veterinary magazines on animal nutrition</li> </ol>														
Planned forms/activities/teaching methods	Multimedia presentations, demonstrations of specialised equipment, practical classes, discussion of cases, self-study														
Verification methods and ways of documenting the achieved learning outcomes.	<p>Verification of the achieved learning outcomes is done by:</p> <ul style="list-style-type: none"> <li>- evaluation of original presentations prepared by students on a given topic. The presentation will be graded on a 2-5 scale.</li> <li>- evaluation of practical task (e.g. performing CPR on a dog phantom, performing a chest puncture, etc.), clinical cases analysis - appropriate selection of medical practice. The above activities will be graded on a 2-5 scale.</li> </ul> <p>In addition, attendance at at least 86% of the exercises in the module plan is required to pass the course.</p> <p>The written assessment consists of 25-30 one-choice test questions. The questions cover both the lecture material and the material presented in the exercises. A student is required to earn a minimum of 61% of the total possible points for the final exam to receive a passing grade.</p> <p>Criteria used in grading the exam:</p> <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 20px;">Number of points:</td> <td>Grade:</td> </tr> <tr> <td style="padding-right: 20px;">0 - 60 %</td> <td>2.0 (failing grade)</td> </tr> <tr> <td style="padding-right: 20px;">61 - 69%</td> <td>3.0 (sufficient)</td> </tr> <tr> <td style="padding-right: 20px;">70 - 79 %</td> <td>3.5 (sufficient plus)</td> </tr> <tr> <td style="padding-right: 20px;">80 - 89 %</td> <td>4.0 (good)</td> </tr> <tr> <td style="padding-right: 20px;">90 - 94 %</td> <td>4.5 (good plus)</td> </tr> <tr> <td style="padding-right: 20px;">95 - 100 %</td> <td>5.0 (very good)</td> </tr> </table>	Number of points:	Grade:	0 - 60 %	2.0 (failing grade)	61 - 69%	3.0 (sufficient)	70 - 79 %	3.5 (sufficient plus)	80 - 89 %	4.0 (good)	90 - 94 %	4.5 (good plus)	95 - 100 %	5.0 (very good)
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ECTS credits	Form of classes	Number of contact hours	ECTS credits												
	Auditing exercises	4	0.16												

	Laboratory classes	10	0.4
	Credit	1	0.04
	<b>Total</b>	<b>15 hrs.</b>	<b>0.6</b>
		Number of non-contact hours	
	Preparation for laboratory classes	5	0.2
	Preparation for examination	5	0.2
	Literature study	10 hrs.	0.4
	<b>Total</b>	<b>25 hrs.</b>	<b>1</b>
The workload of activities that requires direct participation of an academic teacher	4 hrs. auditory classes 10 hrs. laboratory classes consultations 1 hour credit Total 0,6 ECTS		
Relation of module learning outcomes to course learning outcomes.	W1---B.W4.+++ W2--- B.W5.+++ W3---A.W12.+ U1--- B.U2.+++ U2--- B.U4.+++ U3---B.U4.++ U4---B.U4.++ C1---C.W3.++ C2---C.U2.++ K1---K8)++ K2---K3)+++ K3---K9)++ K4---K10)++		
Elements and values affecting the final grade	Final grade: - class attendance - 5% weightage - presentation on a given topic - 10% weightage - practical handling of an animal in an emergency situation - 20% weightage - grade from final test - 65% weightage		