

Module code	M_WE_SEM9 DIET
Field of study	Veterinary medicine
Module name	Veterinary Dietetics Dietetyka weterynaryjna
Language of instruction	English
Module type	obligatory
Level of studies	Long-cycle Master's Degree studies
Mode 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	2 (1.2/0.8)
Academic title/degree, name of the person responsible for the module	Dr. n. wet. Beata Abramowicz
Unit teaching the module	Clinic of Internal Diseases of Animals
Module objective	The aim of the module is to familiarize students with selected issues of the basics of animal nutrition (dogs, cats, horses, cattle, pigs). Acquisition of the ability to differentiate between livestock and veterinary foods. Introduction to the principles of feeding healthy and sick animals (in selected diseases of the gastrointestinal tract, urinary tract, circulation and respiratory system). Acquisition of skills in selecting veterinary (therapeutic) foods as an adjunct to pharmacological treatment. The issues covered are within the minimum curriculum for veterinary students.
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 the interspecies differences in nutrient requirements
	K2 The student understands the differences between home prepared food and commercial food
	K3 The student knows regulations governing the requirements for animal nutrition
	Skills:
	S1 The student is able to monitor the nutritional status of animals to prevent malnutrition and obesity
	S2 The student is able to select the nutritional rations for animals in the most common diseases and convalescence period
	S3 The student is able to analyze the information on animal nutrition affecting their health
	S4 The student is able to cooperate in a team
	Social competences:
	Sc1 The student is ready to solve dilemmas related to dietary animal nutrition
	Sc2 The student has the habit of constant deepening of knowledge in the field of dietetics and improving skills concerning animal nutrition
	Sc3 The student is able to use available sources of veterinary knowledge
Preliminary and additional requirements	None

<p>Module programme content</p>	<p>Lectures:</p> <ol style="list-style-type: none"> 1. Discussion of the requirements for passing the course - 1 hour 2. nutrition of puppies and kittens in the first year of life - 2 hours 3. Dietary management of obese patients - 2 hours 4. Dietary management of the geriatric patient - 2 hours 5. Nutrition of dogs and cats with cancer - 1 hour. 6. Small mammal nutrition or sports dog nutrition - 1 hour. (for selection) 7. Commercial diets in dog and cat nutrition - 2 hrs. 8. Feeding of sick foals - 2 hrs. 9. Feeding of cows in selected diseases of cattle - 2 hrs. <p>Classes:</p> <ol style="list-style-type: none"> 1. general principles of animal nutrition - 2 hours 2 Hospital artificial and forced feeding - 2 hrs. 3. Nutrition of animals with respiratory and circulatory diseases - 2 hrs. 4. Nutrition of animals with gastrointestinal diseases - 1 hour. 5. Nutrition of animals with urinary tract diseases - 1 hour. 5. Maintenance pet foods and medicated foods for small animals - 2 hrs. 6. Feeding sick horses - 2 hrs. 7. Importance of ration in feeding dairy cattle - 1 hr. 8. Feeding sick livestock - pigs - 1 hour. 9. Arrangement of food rations in selected disease entities - 1 hour.
<p>List of basic and supplementary literature</p>	<ol style="list-style-type: none"> 1 Lewis, Small Animal Clinical Nutrition, ed. III, 1989 2. Pibot, Encyclopedia of Canine Clinical Nutrition, Royal Canin, 2006 3. Pibot, Encyclopedia of Feline Clinical Nutrition, Royal Canin, 2006 4. Available veterinary magazines on animal nutrition
<p>Planned forms/activities/teaching methods</p>	<p>Lectures, discussion with students, practical exercises - preparing rations, consultations</p>
<p>Verification methods and ways of documenting the achieved learning outcomes.</p>	<p>Verification of the achieved learning outcomes is obtained through evaluation of student activity during the classes (active - plus "+", inactive - minus "-"). A student should earn at least seven plus points (7 "+") to receive credit for the module. In the hands-on portion, students analyze specific clinical cases (provided by the instructor) and select dietary (therapeutic) nutrition. A student should earn at least seven plus points (7 "+") to receive credit for this module. The final credit for a module is a sum of plus ('+') marks of at least 14. In addition, attendance at at least 86% of the exercises in the module plan is required to pass the course.</p> <p>The written final exam consists of 40 - 50 single-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> <p>Number of points: Grade:</p> <ul style="list-style-type: none"> 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)

ECTS credits	Form of classes	Number of contact hours	ECTS credits
	Lectures	15	0.5
	Seminars	5	0.17
	Laboratory classes	10	0.35
	Examination	2	0.08
	Total	32 hrs.	1.2
		Number of non-contact hours	
	Preparation for laboratory classes	12	0.4
	Preparation for the exam	12	0.4
	Consultations		
	Total	24 hrs.	0.8
	Total	59 hrs.	2
	The workload of activities that require direct participation of an academic teacher	<ul style="list-style-type: none"> - participation in lectures - 15 hrs., - participation in exercises - 15 hours; - participation in consultations - participation exam - 2 hrs; Total 1.2 ECTS	
Relation of module learning outcomes to major learning outcomes	W1---WE_W26 +++ W2--- WE_W31+++ W3---WE_W22+ U1--- WE_U18.+++ U2--- WE_U18++ U3---WE_U8C++ U4---WE_U4++ K1---WE_K4++ K2---WE_K6++ K3---WE_K7++		
Elements and values affecting final grade	Final grade: <ul style="list-style-type: none"> - attendance at classes and lectures - 5% weight - active participation in classes - during the discussion of clinical cases and nutritional rationing - weight of 20% - test grade - 75% weight 		