

Module title:	Dietetics	ECTS	
Polish translation:	Dietetyka		
Course:	Veterinary Medicine		

Module language: English	Stage: JM-FVM		
Form of studies: ☒ intramural ☐ extramural	Type of module: ☐ basic ☒ mandatory ☐ directional ☐ elective	Semester:9	☒ winter semester ☐ summer semester
Academic year:	Intake 2026/2027	Catalogue number:	FVM-V-JMSS-09W-D05_26.....

Module coordinator:	Prof. dr hab. Piotr Ostaszewski			
Teachers responsible for the module:	Academic teachers of the Department: dr Joanna Mucha			
Course Description:	Lecture topics cover: specific features of anatomic structure of digestive tract in dogs and cats; physiological functions of digestive tract in dogs and cats; immunonutrition; dietary immunomodulation, biologically active substances and their role in pet's nutrition; nutritional dermatoses and contribution of dietetics in dermatology; feeding of athletic dogs; nutritional status of dogs with cancer; dietetic evaluation and recommendations; critical care nutrition of dogs; the role of dietary fiber; types of commercial pet food; pet food shortened history and regulation in EU; the role of nutrition in the management of exocrine pancreatic disorders, diabetes mellitus; nutritional strategies. Basic topics of seminars cover: obesity-epidemiology and management of the obese dogs; chronic renal disease; the importance of nutrition; nutritional management of canine and feline urolithiasis; nutrition of aged dogs and cats; nutrition of laboratory animals; nutrition of reptiles and amphibians; nutrition in pregnancy and lactation in dogs and cats; feeding of puppies and kittens, making pet food at home; nutrition and liver disease; cardiovascular diseases; the role of fatty acids in pets nutrition			
Teaching forms, number of hours:	a) Lectures; 15 hours (including 2 h exam) b) Laboratory classes; hours ...; c) Seminars; 15 hours			
Teaching methods:	Multimedia presentations (lectures). Seminars on the selected topics prepared by students in the form of power point presentations. Detailed schedule will be defined by the coordinator of the course at the beginning of semester. Detailed organization of consultations will be defined by the coordinator of the course at the beginning of semester.			
Formal prerequisites and initial requirements:	Biochemistry, Biophysics, Animal Physiology, Immunology, Pathophysiology, Diagnostics. Participating students should have a basis of biology and nutrition			
Learning effects	Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*	
Knowledge:	1	Student knows and understands structure and describes functions of digestive system	B.W.1 A.W.2	3 1
	2	Student knows and understands the relationship between food intake, digestion, absorption and excretion of individual nutrients	B.W.13 A.W.4	3 1
	3	Student knows and understands differences between species concerning demands of nutrients	B.W.9; B.W.13	3
	4	Student knows and understands the differences between commercial food, veterinary diet and home-made diet	B.W.13	3
	5	Student knows and understands the characteristic features of dietary management for a given disease		
Skills:	1	Student is able to properly select dietary management for a given disease	B.U.2; B.U.5; B.U.13	3
	2	Student is able to lay down food doses for individual animal species in health and disease	B.U.13; B.U.21	3
	3	Student is able to interpret requirement for ingredients based on results of morphological and biochemical analyses	B.U.13 A.U.4	3 1
	4	Student is able to use scientific source of knowledge	A.U.21; A.U.23	3
Competences:	1	Student shows responsibility for decisions regarding animal nutrition in good health	K.S.1	3

	2	Student is ready to undertake a dietary procedure	K.S.5	3
	3	Student has a habit of continually improving his knowledge and improvement skills	K.S.4; K.S.8	3
Objectives of the module required to obtain learning effects:		During the course students acquire knowledge in the field of dietary management in selected disease entities of dogs and cats and the role that individual nutrients play in nutritional therapy. Particular emphasis will be placed on discussing the principles of selecting the amount and proportion of nutrients in each of the disease entities discussed as well as nutritional guidelines that determine the choice of commercial household food and veterinary diets in the dietary management.		
Assessment methods:		Seminars, written exam In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.		
Detail description of assessment methods; Formal documentation of learning outcome:		Written exam consisting of 40 questions (multiply choice) during the winter session. Retake of the exam is scheduled within the first 2 weeks of the summer semester. The answers are graded 1 point each. To pass student should obtain at least 21 points. No extra assessment methods are anticipated. eHMS entry. Records collected in the course portfolio i.e. individual records of student results, presence lists, database of oral and written questions, written assessments of the students.		
Elements impelling final grade:		Student record (combined grade from the seminar plus grade from the exam)		
Teaching base:		Lecture facilities of the Faculty of Veterinary Medicine		
Mandatory and supportive materials :				
1. MS Hand, CD Thatcher, RL Remillard, P Roudebush: Small Animal Clinical Nutrition, 4 th Edition, 2004 by Mark Morris Institute				
2. P Pibot, V.Biougé, D.Elliott: Encyclopedia of Canine Clinical Nutrition 2006 by Aniwa SAS				
3. P.Pibot, V.Biougé, D.Elliott: Encyclopedia of Feline Clinical Nutrition 2008 by Aniwa SAS				
4. J.Wills, K. Simpson: The Walthman Book of Clinical Nutrition of the Dog & Cat, 1994, Pergamon				
Relevant scientific publications including those of the module coordinator.				
ANNOTATIONS				

* 3 – complete and detailed, 2 – moderate, 1 – basic.

Quantitative summary of the module:

Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of the module - base for quantifying ECTS:	60 h
Total ECTS points, accumulated by students during contact learning:	...2..... ECTS