



SZKOŁA GŁÓWNA
GOSPODARSTWA
WIEJSKIEGO

Geriatric care of companion animals

Educational subject description sheet

Basic information

Field of study Veterinary Medicine	Didactic cycle 2024/25
Speciality -	Subject code WETFVMS_D.540K.633d37e76fd09.24
Organizational unit Faculty of Veterinary Medicine	Lecture languages english
Study level long-cycle	Mandatory Elective subjects
Study form full-time studies	Block Major subjects
Education profile General academic	Disciplines Veterinary medicine
Coordinator	Paula Kiełbik
Teacher	Paula Kiełbik
Period Semester 7	Examination Pass with grade
	Activities and hours Lecture: 15 Ćwiczenia seminaryjne: 15
	Number of ECTS points 2

Goals

Code	Goal
C1	The main goal of the module is to learn students about causes, symptoms and physiological picture of the most common canine and feline geriatric disorders. The aim of the course also include preparation students on diversity of canine and feline geriatric behaviour and learn how to manage it. After completing the course students should have knowledge about preparing the most efficient senior wellness plan to improve canine and feline geriatric welfare.

Entry requirements

Animal anatomy, Biochemistry, Animal physiology, Pathophysiology, Veterinary microbiology, Clinical and laboratory diagnostics, Animal nutrition and feeding

Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	causes, symptoms and physiological picture of the most common canine and feline geriatric disorders	B.W1	Presentation, Assessment of activity during classes
W2	canine and feline geriatric behavior and understands the causes	B.W9	Presentation, Assessment of activity during classes
W3	the latest recommendations for proper management of geriatric patients	B.W11, B.W13	Presentation, Assessment of activity during classes
Skills - Student can:			
U1	recognize the most common canine and feline geriatric disorders and its physiology	B.U1, B.U15, B.U20, B.U5	Presentation, Assessment of activity during classes
U2	categorize canine and feline geriatric behavior disorders	B.U1, B.U15, B.U20	Presentation, Assessment of activity during classes
U3	propose the most efficient senior wellness plan to improve canine and feline geriatric welfare	B.U21	Presentation, Assessment of activity during classes
Social competences - Student is ready to:			
K1	plan proper recommendations for management of geriatric patients	KS.11, KS.5	Presentation, Assessment of activity during classes
K2	take responsibility for his decisions concerning humans, animals and environment	KS.1	Presentation, Assessment of activity during classes
K3	constantly update knowledge and skills for professional development, communicate with co-workers and share the knowledge	KS.8	Presentation, Assessment of activity during classes

Study content

No.	Course content	Subject's learning outcomes	Activities
-----	----------------	-----------------------------	------------

1.	<p>Presentations and interactive discussion of the most common general problems encountered in small animal geriatrics.</p> <p>Including (12 lectures, 2 hours each):</p> <ul style="list-style-type: none"> - Introduction to geriatrics (basic nomenclature, elements of senior/geriatric health care program for animals > 7 years old) - Age-related changes in different body systems and their influence on body functions - Physiology of chronic renal disease in older dogs and cats - Gastrointestinal (including alimentary neoplasia) and liver disorders in geriatric patients - Respiratory and cardiovascular disorders in geriatric patients - Cachexia, obesity and selected nutritional issues in older cats and dogs - Canine and feline cognitive dysfunction syndrome and other neurological disorders in geriatric patients - Hormonal disorders in the geriatric patients - Neurological disorders in older cats and dogs - Behavioural disorders related with age and welfare of geriatric dogs and cats - The role of environmental enrichment and implementing an individual - senior wellness plan - Palliative treatment, chronic pain management for geriatric patients, quality of life assessment and euthanasia decisions 	W1, W2, W3, U1, U2, U3, K1, K2, K3	Lecture
2.	Seminars (3 seminars, 2 hours each): Students prepare the multimedia presentations (individually) based on selected topic	W1, W2, W3, U1, U2, U3, K1, K2, K3	Ćwiczenia seminaryjne

Course advanced

Activities	Methods of conducting classes
Lecture	Lecture, Problem lecture, Conversation lecture, Case study, Discussion, Brainstorm
Ćwiczenia seminaryjne	Presentation, Analysis of source materials

Activities	Examination method	Percentage
Lecture	Assessment of activity during classes	60%
Ćwiczenia seminaryjne	Presentation	40%

Activities	Credit conditions
Lecture	To pass, student must present active attitude during classes.
Ćwiczenia seminaryjne	To pass, student must present prepared seminar.

Literature

Obligatory

1. Gardner M., McVety D.: Treatment and Care of the Geriatric Veterinary Patient. Wiley, 2017
2. Ettinger S. et al: Textbook of Veterinary Internal Medicine Expert Consult, 8th edition, Elsevier, 2016
3. Relevant scientific publications, including those of the module coordinator.

Calculation of ECTS points

Activity form	Activity hours*
Lecture	15
Ćwiczenia seminaryjne	15
Preparation of a multimedia presentation	15
Self-study on the content covered in class	15
Student workload	Hours 60
Number of ECTS points	ECTS 2

* hour means 45 minutes

Effects

Code	Content
KS.1	Absolwent jest gotów do wykazywania odpowiedzialności za podejmowane decyzje wobec ludzi, zwierząt i środowiska przyrodniczego
KS.5	Absolwent jest gotów do formułowania wniosków z własnych pomiarów lub obserwacji
KS.8	Absolwent jest gotów do pogłębiania wiedzy i doskonalenia umiejętności
KS.11	Absolwent jest gotów do współpracy z przedstawicielami innych zawodów w zakresie ochrony zdrowia publicznego
B.U1	Absolwent potrafi bezpiecznie i humanitarnie postępować ze zwierzętami oraz instruować innych w tym zakresie
B.U5	Absolwent potrafi oceniać stan odżywienia zwierzęcia oraz udzielać porad w tym zakresie
B.U15	Absolwent potrafi ocenić konieczność przeprowadzenia eutanazji zwierzęcia i we właściwy sposób poinformować o tym jego właściciela, a także przeprowadzić eutanazję zwierzęcia zgodnie z zasadami etyki zawodowej oraz właściwego postępowania ze zwłokami
B.U20	Absolwent potrafi korzystać ze zgromadzonych informacji związanych ze zdrowiem i dobrostanem zwierząt, a w wybranych przypadkach również z produktywnością stada
B.U21	Absolwent potrafi opracowywać i wprowadzać programy profilaktyczne właściwe dla poszczególnych gatunków zwierząt
B.W1	Absolwent zna i rozumie zaburzenia na poziomie komórki, tkanki, narządu, układu i organizmu w przebiegu choroby
B.W9	Absolwent zna i rozumie zasady zapewniania dobrostanu zwierząt
B.W11	Absolwent zna i rozumie rasy w obrębie gatunków zwierząt oraz zasady chowu i hodowli zwierząt
B.W13	Absolwent zna i rozumie zasady żywienia zwierząt z uwzględnieniem różnic gatunkowych i wieku