Module title:	Dog and cat diseases		ECTS	14
Polish translation:	Choroby psów i kotów			
Course:	**Veterinary Medicine**			

Module language: English				Stage: JM	
Form of studies: ■ intramural ☐ extramural	Type of module: ☐ basic ■ directional ☐ accessory ☐ rotation ☐ summer practice	■ mandatory ☐ elective		Semester: …9 Year 5	■ winter semester ☐ summer semester
			Academic year:	**2023/2024** Catalogue number:	FVM-V-JMSS-09W-D14_23

Module coordinator:	Prof. dr hab. Roman Lechowski
Teachers responsible for the module:	Staff and PhD students of the Department of Small Animal Diseases with Clinic
Unit responsible for the module:	Department of Small Animal Diseases with Clinic
Faculty in charge:	Faculty of Veterinary Medicine
Objectives of the module:	Program consists of lectures and practical trainings in: - Small Animal Internal Diseases (lectures: 30 hrs, practical training 60 hrs) - Small Animal Surgery and Anaesthesiology (lectures: 15 hrs, practical training 45 hrs), - Small Animal Reproduction (lectures: 15 hrs, practical training 30 hrs), - Small Animal Infectious Diseases (lectures: 15 hrs, practical training 15 hrs) The course will provide the knowledge in diagnostics and treatment of the most common Small Animal diseases. Students, after completing the course should be able to: - identify proper signal, the chief complaint, - review medical history, - perform a thorough physical examination, - select diagnostic and therapeutic procedure, - collect and interpret laboratory data, - perform basic surgery procedures and anaesthesia protocols - choose the right treatment and follow-up protocol
Teaching forms, number of hours:	a) Lectures: 75 h b) Practicals: 150 h c) …
Teaching methods:	Lectures, presentations, laboratory classes, clinical practice
Formal prerequisites and initial requirements:	Animal physiology modules 1-2, Animal anatomy modules 1-2, Histology and embryology modules 1-2, Veterinary pharmacology modules 1-2, Pathomorphology modules 1-3, Diagnostic imaging, Clinical and laboratory diagnostics modules 1-2, General surgery and anesthesiology, Veterinary epidemiology, Parasitology and invasiology modules 1-2, Immunology, Biochemistry modules 1-2, Veterinary microbiology modules 1-2 Knowledge of basics of handling of animals, safety rules, general examination of the animal
Learning outcomes:	Knowledge: select diagnostic and therapeutic procedure, collect the material for additional diagnostic tests and interpret laboratory data, choose the right treatment and follow-up protocol implements proper official epizootic procedures in case of the law-regulated diseases implement adequate therapeutic procedures describes, explains and interprets disorders on the cellular, tissue, organ, system and organism levels occurring in the course of the disease	Skills: carries out full clinical evaluation, formulates clear case studies and knows how to create documentation according to the current laws and regulations, in the form understandable for the owner of the animal and clear for other veterinary surgeons performs first aid procedures , chooses the treatment adequate for the diagnosed disease, knows how to operate in the interdisciplinary team,	Competences: developed a habit of constantly updating his knowledge and skills, knows his limitations, developed a habit of constantly updating his knowledge and skills

Assessment methods:	Each of the 4 submodules (internal medicine, surgery, obstetrics and epidemiology) needs to be passed separately. Partial exams are written single choice tests or oral examinations: Internal medicine: 112 questions, min 75% correct answers to pass Surgery: 32 questions, min 75% correct answers to pass Obstetrics: 80 questions, min 70% correct answers to pass Epidemiology: oral, 2 questions Final grade is an average grade from all subjects in the module, all partial exams should be passed successfully: <table><tr><td>Average</td><td>Final grade</td></tr><tr><td>3.0-3.25</td><td>3.0</td></tr><tr><td>3.26-3.75</td><td>3.5</td></tr><tr><td>3.76- 4.25</td><td>4.0</td></tr><tr><td>4.26-4.75</td><td>4.5</td></tr><tr><td>4.76-5.0</td><td>5.0</td></tr></table>
Formal documentation of learning outcomes:	Register of the results of the submodules, signed test papers, grade in eHMS
Elements impelling final grade:	An average grade from all subjects in the module
Teaching base:	The lectures will be held in classrooms of the Faculty of Veterinary Medicine equipped with multimedia facilities; the practical training will be held in Small Animal Clinic

Mandatory and supportive materials :
- S. Birchard, R. Sherding: "Saunders Manual of Small Animal Practice", 3rd edition
- England G., von Heimendahl A.: BSAVA Manual of Canine and Feline Reproduction and Neonatology, 2nd edition
- J. Eliott, G. Grauer: "BSAVA Manual of Canine and Feline Nephrology and Urology", 2nd edition
- S. Ettinger, E. Feldman: „Textbook of Veterinary Internal Medicine", 7th edition
- T. Fossum Small Animal Surgery, Third Edition, , Mosby Elsevier 2007
- C.E. Greene, Infectious Diseases of the Dog and cat. ed.: IV edition, 2012, Elsevier
- E. Hall, JW. Simpson, D. Williams: BSAVA Manual of Canine and Feline Gastroenterology" 2nd edition
- Johnston S.D., Root Kustritz M.V., Olson P.N.S.: Canine and Feline Theriogenology. W.B. Saunders Company
- R. Nelson, C. Couto: "Small Animal Internal Medicine", 4th edition
- Platt. S., Olby N. : "BSAVA Manual of Canine and Feline Neurology", 2nd edition
- J. Steiner: "Small Animal Gastroenterology", 2008
- E. Thiry: Clinical Virology of the Dog and Cat, 2006, Les Editions du Point Veterinaire
- Journal of Feline Medicine and Surgery 2009, vol. 11, issue 7.

Journal of Feline Medicine and Surgery 2013, vol. 15, issue 7

ANNOTATIONS

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:	…450… h
Total ECTS points, accumulated by students during contact learning:	…9…. ECTS

Learning outcomes of the module relative to the learning outcomes of the subject:

Outcome category	Learning outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*)
Knowledge -	identify proper signal, the chief complaint, review medical history, and execute proper anamnesis	W_NK7	2
Knowledge -	perform a thorough physical examination handling the animal in a professional way (safe and with a minimal restrain)	W_NK1, W_NK7	2;2
Knowledge	select diagnostic and therapeutic procedure,	W_NK2, W_NK4	3;2

	collect the material for additional diagnostic tests and interpret laboratory data,		
Knowledge	choose the right treatment and follow-up protocol	W_NK2	3
Knowledge	implements proper official epizootic procedures in case of the law-regulated diseases	W_NK1, W_NK2, W_NK3, W_NK4	2;3;3;3;2
Knowledge	implement adequate therapeutic procedures	W_NK3, W_NK4, W_NK7	3;2;2
Knowledge	describes, explains and interprets disorders on the cellular, tissue, organ, system and organism levels occurring in the course of the disease	W_NK 1, W_NK 2	2;3
Skills	carries out full clinical evaluation, formulates clear case studies and knows how to create documentation according to the current laws and regulations, in the form understandable for the owner of the animal and clear for other veterinary surgeons	U_PUZ3, U_OUZ3	3;3
Skills	performs first aid procedures , chooses the treatment adequate for the diagnosed disease, knows how to operate in the interdisciplinary team,	U_PUZ4, U_PUZ12, UO_UZ4	3;3;2,
Competence	developed a habit of constantly updating his knowledge and skills, knows his limitations, developed a habit of constantly updating his knowledge and skills	K_KP6, K_KP7, U_OUZ11	3;2;2

*)

3 – Significant and detailed,

2 – Partial,

1 – Basic,

WNZ-ZT-**1Z**-08Z-**03**_19

Kod Wydziału-Kod kierunku-**Kod poziomu i formy**-numer semestru Z zimowy L letni-**numer przedmiotu w planie semestru**_rok akademicki, od którego

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WNZ – Wydział nauk o zwierzętach (kod HMS)

ROL	Rolnictwa i Biologii
WET	Medycyny Weterynaryjnej
LES	Leśny
OGR	Ogrodnictwa, Biotechnologii i Architektury Krajobrazu
BIS	Budownictwa i Inżynierii Środowiska
TDR	Technologii Drewna
WNZ	Nauk o Zwierzętach
EKR	Nauk Ekonomicznych
NoZ	Nauk o Żywności
ZCZ	Nauk o Żywieniu Człowieka i Konsumpcji
WIP	Inżynierii Produkcji
ZIM	Zastosowań Informatyki i Matematyki
WNH	Nauk Społecznych

ZT – zootechnika

A	architektura krajobrazu
B	biologia
BD	budownictwo
BT	biotechnologia
BW	bioinżynieria zwierząt
BZ	bezpieczeństwo żywnosci
D	dietetyka
E	ekonomia
ER	ekologiczne rolnictwo i produkcja żywności
F	finanse i rachunkowość
	weterynaria
GH	gastronomia i hotelarstwo
GP	gospodarka przestrzenna
H	hodowla i ochrona zwierząt towarzyszących i dzikich
IB	inżynieria systemów biotecchnicznych
IE	informatyka i ekonometria
IG	inżynieria i gospodarka wodna
IK	inżynieria ekologiczna
IN	informatyka
IS	inżynieria środowiska
L	logistyka
LS	leśnictwo
M	meblarstwo
O	ogrodnictwo
OR	ochrona zdrowia roślin
OS	ochrona środowiska
P	pedagogika
R	rolnictwo
S	socjologia
TD	technologia drewna
TE	technologie energii odnawialnej
TU	turystyka i rekreacja
TB	towaroznawstwo w biogospodarce
TZ	technologia zywnosci i zywienie człowieka
W	weterynaria
W-N	weterynaria
	weterynaria
Z	zarządzanie
ZC	żywienie człowieka i ocena żywnosci
ZP	zarządzanie i inżynieria produkcji
ZT	zootechnika

1Z – studia I stopnia niestacjonarne

    1S – I st., stacjonarne;

    2S – II st., stacjonarne;

    2Z – II st., niestacjonarne

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