

Syllabus

Module title:	Rotation - dog and cat diseases	ECTS	6
Polish translation:	Staż kliniczny - choroby psów i kotów		
Course:	Veterinary medicine		

Module language: English		Stage: JM	
Form of studies: <input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Type of module: <input type="checkbox"/> basic <input checked="" type="checkbox"/> directional <input type="checkbox"/> accessory <input checked="" type="checkbox"/> rotation <input type="checkbox"/> summer practice	<input checked="" type="checkbox"/> mandatory <input type="checkbox"/> elective	Semester: ...10..... Year 5 <input type="checkbox"/> winter semester <input checked="" type="checkbox"/> summer semester
Academic year: 2023/2024		Catalogue number:	FVM-V-JMSS-10S-R03_23

Module coordinator:	dr Magdalena Ostrzeszewicz		
Teachers responsible for the module:	Staff and PhD student 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:	<p>Students take part in workshops in Small Animal Clinic SGGW with high number of animals. During the course students gain knowledge and practical abilities necessary for a veterinary practitioner to work in small animal clinic. It gives opportunity for direct contact of the students with animals and their owners. Students have the possibility to learn how to properly interview and do clinical examination in the context of small animal internal diseases, infectious diseases, reproduction and surgery. Clinical internship also includes performance of "in house" diagnostic tests and proper interpretation of the results as well as such medical procedures like vaccinations, injections, catheters' placement, blood collection, storage and transportation of material for laboratory tests. Students are also able to practice their surgical skills under the supervision of the teachers.</p> <p>Students after completing the course should be able to:</p> <ul style="list-style-type: none"> - communicate with the animal's owner in a proper manner - handle the animal in a safe way - perform clinical examination, obtain history, select diagnostic and therapeutic procedure - choose the most suitable additional test(s) and collect required samples - interpret laboratory data - choose the appropriate follow-up protocol - diagnose and treat internal, infectious and reproductive disorders in small animals <p>perform basic surgery procedures (as a part of rotations in surgery and rotations in reproduction)</p>		
Teaching forms, number of hours:	<p>a) Practicals: 85 h (Internal Diseases 33 h; Surgery 20 h; Reproduction 20 h; Infectious diseases 12 h) including obligation of 12 h of night shift</p> <p>b) ...</p> <p>c) ...</p>		
Teaching methods:	Practical workshops in the Small Animal Clinic and Paluch animal shelter.		
Formal prerequisites and initial requirements:	Dog and cat diseases Theoretical knowledge and manual skills from above mentioned module. Student should know basics in handling of animals and safety rules		
Learning outcomes:	<p>Knowledge:</p> <ul style="list-style-type: none"> identify proper signal, the chief complaint, review medical history, and execute proper anamnesis perform a thorough physical examination handling the animal in a professional way (safe and with a minimal restrain) select diagnostic and therapeutic procedure, collect the material for additional diagnostic tests and interpret laboratory data, choose the right treatment and follow-up protocol 	<p>Skills:</p> <ul style="list-style-type: none"> 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, 	<p>Competences: developed a habit of constantly updating his knowledge and skills, knows his limitations, developed a habit of constantly updating his knowledge and skills</p>

	<p>implements proper official epizootic procedures in case of the law-regulated diseases</p> <p>implement adequate therapeutic procedures</p> <p>describes, explains and interprets disorders on the cellular, tissue, organ, system and organism levels occurring in the course of the disease</p> <p>Execute clinical examination with the focus on reproductive tract, musculoskeletal system, digestive tract, urogenital system, respiratory system both manually and with the use of appropriate additional methods e.g. Instruments and utensils</p> <p>Know proper methods and instruments to diagnose internal diseases, infectious diseases, reproductive tract disorders, and disorders requiring surgical intervention</p>		
Assessment methods:	Evaluation of student's activity and knowledge during internship project, medical history card, oral examination and practical abilities assessment, "Student's daybook of summer practice and clinical training"		
Formal documentation of learning outcomes:	Signed test and exam papers, individual clinical training cards for students, entries in the "Student's daybook of summer practice and clinical training", grade in eHMS		
Elements impelling final grade:	Each submodule (internal medicine, surgery, obstetrics and epidemiology) is finished with the grade. Oral examination and practical abilities assessment 50%, evaluation of student's activity and knowledge 25%, project, medical history cards 25 %. Final grade is the average result of grades from all four submodules.		
Teaching base:	Facilities of the Small Animal Clinic		
Mandatory and supportive materials :			
<ul style="list-style-type: none"> - 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. Elliott, 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 - G. Jackson Handbook of Veterinary Obstetrics, Saunders Ltd.; 2 edition, July 27, 2004 - 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 - D.E. Noakes, T.J. Parkinson, G.C.W. Veterinary Reproduction and Obstetrics. England 9th ed. Sauders, Elsevier, 2009 - 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 Student's Daybook of Summer Practice and Clinical Training			

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:	...170..... h
Total ECTS points, accumulated by students during contact learning:	...3.... 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	3

Knowledge -	perform a thorough physical examination handling the animal in a professional way (safe and with a minimal restrain)	W_NK1, W_NK7	3;3;
Knowledge -	select diagnostic and therapeutic procedure, collect the material for additional diagnostic tests and interpret laboratory data,	W_NK2, W_NK4	3;3
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	3;3;3;3
Knowledge -	implement adequate therapeutic procedures	W_NK3, W_NK4, W_NK7	3;3;3
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	3;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;3
Competences	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;3;3
Knowledge	Execute clinical examination with the focus on reproductive tract, musculoskeletal system, digestive tract, urogenital system, respiratory system both manually and with the of use appropriate additional methods e.g. Instruments and utensils	W_NK5, U_PUZ3	3;3
Knowledge	Know proper methods and instruments to diagnose internal diseases, infectious diseases, reproductive tract disorders, and disorders requiring surgical intervention	W_NK3, W_NK4, W_NK7	3;3;3

*)

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 obowiązuje opis / 2019-2020 →19/

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 żywności
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 biotechnicznych
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 żywności i żywienie człowieka
W	weterynaria
W-N	weterynaria weterynaria
Z	zarządzanie
ZC	żywienie człowieka i ocena żywności
ZP	zarządzanie i inżynieria produkcji
ZT	zootechnika

1Z – studia I stopnia niestacjonarne

1S – I st., stacjonarne;

2S – II st., stacjonarne;

2Z – II st., niestacjonarne