

Syllabus

Module title:	Heard health management in small ruminants	ECTS	2
Polish translation:	Zarządzanie zdrowiem stada małych przeżuwaczy		
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 type="checkbox"/> rotation <input type="checkbox"/> summer practice	<input type="checkbox"/> mandatory <input checked="" type="checkbox"/> elective	Semester: ...10 Year 6 <input checked="" type="checkbox"/> winter semester <input type="checkbox"/> summer semester
Academic year: 2023/2024		Catalogue number:	FVM-V-JMSS-11W-E34_23

Module coordinator:	Dr M. Wierzicka
Teachers responsible for the module:	Staff and PhD students of the Department of Large Animal Diseases with Clinic
Unit responsible for the module:	Department of Large Animal Diseases with Clinic
Faculty in charge:	Faculty of Veterinary Medicine
Objectives of the module:	Students participate in practical lessons on large farms and in University clinic. During lessons students, apply knowledge of internal diseases treatment, clinical and laboratory diagnosis, pathophysiology, pharmacology, anatomy, reproduction and herd health management. Students will be shown clinical cases of herd health problems to identify the disease and present treatment and prevention strategy for the herd.
Teaching forms, number of hours:	a) Lectures: 5 h b) Practicals: 10 h c) Field exercises: 15 h
Teaching methods:	Field practice in University clinic and animal farms using veterinary equipment. Discussion, clinical workshops, problem solving and analysis of clinical cases, diagnostic tests and source texts analysis, practical demonstrations
Formal prerequisites and initial requirements:	Animal anatomy modules 1-2, Animal physiology modules 1-2, Biochemistry modules 1-2, Animal pathophysiology, Animal husbandry and breeding, Farm animal diseases, Feed hygiene, Clinical and laboratory diagnostics modules 1-2, Veterinary pharmacology modules 1-2, Veterinary microbiology modules 1-2, Veterinary epidemiology Students should perform clinical examination of sheep and goats, and sampling for specific laboratory tests
Learning outcomes:	The ability to perform interview to get detailed information on specified case or whole group health status and its environment Perform general and detailed examination of each of internal systems using both the manual methods and additional tools The ability to assess the status of each of organisms internal systems during diagnostic period and apply adequate treatment Apply adequate methods and tools to clinically diagnose herd health problems Prescribe and apply medicaments with application of safety rules of usage and utilisation. Perform and interpret field diagnostic tests
Assessment methods:	Evaluation of student knowledge and practical skills during classes. Case study essay.
Formal documentation of learning outcomes:	Practice documentation, essay, grade in eHMS
Elements impelling final grade:	Students' knowledge and activity during lessons – 50% Essay – 50%
Teaching base:	Farms, University clinic
Mandatory and supportive materials :	1 Bradford P. Smith. Large animal internal medicine. MOSBY St. Louis London Philadelphia Sydney Toronto, 2005. 2. Steven L. Stockham, Michael A. Scott. Fundamentals of veterinary clinical pathology. Iowa State Press. 2002 3. Pugh D.G. Sheep and goat medicine. W.B. Saunders Company. Philadelphia, Pennsylvania, 2002
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:	...30..... h
Total ECTS points, accumulated by students during contact learning:	...1.... 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/skills/Competence	The ability to perform interview to get detailed information on specified case or whole group health status and its environment	W_NK1, W_PZ3, W_PZ4, U_OUZ2, U_PUZ1	3
Knowledge/skills/Competence	Perform general and detailed examination of each of internal systems using both the manual methods and additional tools	W_NK3, U_PUZ3, U_PUZ6	3
Knowledge/skills/Competence	The ability to assess the status of each of organisms internal systems during diagnostic period and apply adequate treatment	W_NK1, U_OUZ10	3
Knowledge/skills/Competence	Apply adequate methods and tools to clinically diagnose herd health problems	W_NK7, U_PUZ3, U_PUZ6	3
Knowledge/skills/Competence	Prescribe and apply medicaments with application of safety rules of usage and utilisation. Perform and interpret field diagnostic tests	K_KP8, K_KP1, W_NP11, W_NP10	3

*)

3 – Significant and detailed,

2 – Partial,

1 – Basic,

WZN-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/

WZN – 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
WZN	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