Syllabus

Module title:	Veterinary of pig herd	ECTS	1
Polish translation:	Weterynaria na fermie świń		
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: …10…….. Year 5	☐winter semester ■ summer semester
Academic year:	**Intake 2021/2022**	Catalogue number:	FVM-V-JMSS-10S-E12_20

Module coordinator:	Piotr Matyba DVM, PhD
Teachers responsible for the module:	Piotr Matyba DVM, PhD
Unit responsible for the module:	**Centrum Medycyny Translacyjnej**
Faculty in charge:	Faculty of Veterinary Medicine
Objectives of the module:	Diagnostics of Pig Diseases covers most important veterinary diagnostic tools used in pig production herds including bacterial, viral and parasitic diseases, reproduction disorders and toxicosis as well as discussion on the most preferred set of diagnostics (e.g., PCR vs. ELISA tests) for particular case. Course starts with practical training of blood sampling and swabs collection, evaluation of post-mortem changes in slaughter houses and autopsies at farm. Then it continues with preparation of cover letter and proper shipping of biological material to diagnostic laboratories, and evaluation of obtained laboratory and autopsy results together with clinical symptoms. Finally, differential diagnostics is performed in order to elaborate the most probable core of the problem.
Teaching forms, number of hours:	a) Lectures: 2 h b) Field workshops: 13 h c) …
Teaching methods:	Monographic lecture with visualization in Power Point followed by practical workshops in a pig farms, slaughter house and diagnostic laboratory.
Formal prerequisites and initial requirements:	Farm animal diseases, Meat hygiene modules 1 & 2, Veterinary inspection practice, slaughter house (summer practice), Administration and legal aspects in veterinary Student possesses knowledge and abilities obtained already during the previous course of the studies
Learning outcomes:	Knowledge: Identifies and describes biology of contagious factors causing diseases transferred between animals, identifies and describes biology of contagious factors causing antropozoonozes, including mechanisms of their transfer and animal's defence mechanisms Describes and interprets causes and symptoms of diseases, describes and interprets diseases' pathomorphology manifestations and implements principles of prevention in particular diseases Examines clinically the patients and monitors health in production herds Collects, evaluates and properly interprets clinical data and laboratory analysis and other data Describes and evaluates conditions providing animal welfare Skills: Effectively communicates with clients, other veterinarians and officers of control units, state and self-government administration Performs entire case study procedure to obtain precise information on single animals or groups of animals and living environment Competences: …….. ……..
Assessment methods:	Farm evaluation protocol, autopsy and carcass evaluation protocols, oral examination during classes
Formal documentation of learning outcomes:	Signed written reports, exam protocol, grade in eHMS

Elements impelling final grade:	Effects of studying are verified by: 1. oral test grade 50% 2. evaluation of student's reports 50% A maximum number of 5 points is ascribed for each of the above items (total 10 points). Grading criteria: <6 points: 2; 7 points: 3, 8 points: 3+, 9 points: 4; 10 points: 5. No absences allowed.
Teaching base:	Faculty lecture halls, laboratories, production farms, slaughter house
Mandatory and supportive materials : Carr J. et al. Pig Health. CRC Press, NY 2018.	
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 -	Identifies and describes biology of contagious factors causing diseases transferred between animals, identifies and describes biology of contagious factors causing antropozoonozes, including mechanisms of their transfer and animal's defence mechanisms	WW_NP8	3
Knowledge -	Describes and interprets causes and symptoms of diseases, describes and interprets diseases' pathomorphology manifestations and implements principles of prevention in particular diseases	W_NK3	3
Knowledge	Examines clinically the patients and monitors health in production herds	W_NK5	3
Knowledge	Collects, evaluates and properly interprets clinical data and laboratory analysis and other data	W_NK7	3
Knowledge	Describes and evaluates conditions providing animal welfare	W_PZ4	3
Skills	Effectively communicates with clients, other veterinarians and officers of control units, state and self-government administration	U_OUZ2	3
Skills	Performs entire case study procedure to obtain precise information on single animals or groups of animals and living environment	U_PUZ1	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 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