Module title:	Dog and cat reproduction			3						
Polish translation:	Rozród psów i kotów									
Course: Veterinary Medicine										
Module language:	English Stage: JM-FVM									
Form of Intramural	Type of □ basic ☑ mandatory	Semester: 9								
studies: extramural	module: ⊠ directional □ elective		summer se FVM-V-JM							
	Academic year:	2021/2022 Catalogue number:	D19/3	3_21						
Module coordinator:	Professor Piotr Jurka PhD, DVM,									
Teachers responsible for the module:	Academic teachers of the Institute of Veterinary Medicine; Department of Small Animal Disease and Clinic; PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study									
Objectives of the module:										
Teaching forms, number of hours:	a) Lectures – 15 h b) Practical training - 35 hours									
Teaching methods:	The course is conducted in the form of lectures and practical training. Lectures in the form of original multimedia presentations, including practical and clinical aspects, exercises with the use of patients of the Small Animal Clinic, didactic animals and biological material. During the course, students participate in therapeutic procedures, gynaecological and obstetric operations, mammary gland surgery. Multimedia teaching programs using the SEKTRA educational table are also used.									

		of the course at the beginning o	s and detailed organization of consultations will be of semester. anatomy, Animal physiology, Veterinary pharma			
Formal prerequisites and in requirements:	itial	Diagnostic imaging, Veterinary General surgery and anaesthesi	y microbiology, Animal pathophysiology, Clinical a	and laboratory		
			<u> </u>	Learning		
Learning effects		Course outcomes:		outcomes relative to the course outcomes	Impact on the course outcomes*	
Knowledge:	1	- Student knows and differe mechanisms	entiates the normal and abnormal reproductive	B.W.1;B.W.2 B.W.3	3 2	
	2	- Student knows the clinical diseases with similar clinical app	manifestations of reproductive and knows other pearance	B.W.4; B.W.5 B.W.6; B.W.9	3 2	
	3	- Student knows the diagnostic schemes and protocols (including differential		B.W.4 B.W.5; B.W.6; B.W.9	3 2	
	4			B.W.6	2	
	1	Student is able to describe the i	mechanisms of reproductive diseases	B.U.4 B.U.7; B.U. 9	3 2	
	2	-Student is able to use the current nomenclature		B.U.2, B.U.9 B.U.5; B.U.7	3 2	
Skills:	3	- Student is able to plan the diagnostic procedures (including differential diagnosis) in the reproductive diseases		B.U.2 B.U.1; B.U.7	2	
	4	- Student is able to plan and monitor the treatment strategies		B.U.10; B.U.13 B.U.15; B.U.20	3 2	
Competences:	1	Student formulate responsible clinical decisions based primarily on the animal welfare		KS.1; KS.2; KS.3; KS.6; KS.7; KS.9	2	
	2	-Student formulate his opinion about understand the onset of the disease, clinical appearance and therapeutic process in the context of normal and abnormal immune functions		KS.4; KS.5; KS.6; KS.8	2	
	3	Student formulate the necessity of constant education using scientific sources		KS.4; KS.5; KS.6; KS.7; KS.8	2	
	4	Student formulate responsible clinical decisions based primarily on the animal welfare		KS.1; KS.2; KS.3; KS.6; KS.7; KS.9		
Objectives of the module re to obtain learning effects:	equired	provided. The main goal is to mast	about the specifics of breeding dogs and cats compared ter theoretical knowledge and acquire practical skills relate ucation is a supplement to the content of practical training	ed to the reprodu		
Assessment methods:		supervision of the teacher. The cortheoretical final credit is obtaining of	clinical classes based on correctly performed medical and rrect performance of the activity is recorded as complete confirmation of the correct performance of the required p hoice test. In case of unforeseen, unusual circumstances m t be adopted.	d. The condition of ractical activities.	of joining the	
		Number of points	Grade			
		Below 56	2 (insufficient - the course is failed)			
		56- 61	3 (sufficient)			
		62-66	3+ (sufficient +)			
Detail description of assessment methods; Formal documentation of learning		67-71 4 (good)				
		72-76	72-76 4+ (very good)			
		77-80 5 (excellent)				
outcome:		No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.				
		eHMS entry. Records collected in the course port questions, written assessments of t	tfolio i.e. individual records of student results, presence list the students.	s, database of ora	al and written	

Elements impelling final grade:	Admission for final test: The number of absences from classes in accordance with the study regulations as admission to the test + obtaining credit for practical training. Final grade: 100% final score			
Teaching base:	Laboratories and surgery room of the Veterinary Medicine Institute			
Mandatory and supportive materials :				
 Johnston S and all. Canine and Feline Theriogenology, 2001 				
2. Dreier, KH., 2009: Klinik der Reproduktionsmedizin des Hundes. Schlutersche Verlagsgesellschaft				
3. Noakes, D., 2009:Veterinary Reproduction and Obstetrics. W.B. Saunders Company				
Long, S., 2006: Veterinary Genetics and Reproductive Physiology, Butterworth Heinemann.				
Relevant scientific publications including those of the module coordinator.				
ANNOTATIONS				

^{* 3 –} complete and detailed, 2 – moderate, 1 – basic.

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:	
Total ECTS points, accumulated by students during contact learning:	