

Code of subject	M_WE_SEM11 CHP ST
Field of study	Veterinary medicine
Name of the training module including the Polish name	Diseases of birds -practical training Choroby ptaków Staż kliniczny
Language of instruction	English
Type of the training module	obligatory
Level of the training module	Master level
Form of studies	Stationary
Location in the programme (year)	VI
Location in the programme (semester)	XI
Number of ECTS credits with a division into contact/noncontact	4 (2,4/1,6)
Name and surname of the person in charge	Dr hab. Agnieszka Marek university professor
Unit offering the subject	Department of Veterinary Prevention and Diseases of Birds
Aim of the module	During the training, students perform practical tasks during the patient's veterinary visit (they participate in an anamnesis on the patient / flock of birds, collect samples for laboratory tests, participate in anatomopathological and parasitological examinations).
Learning outcomes	<p>Knowledge:</p> <p>K1- basic information on embryopathology and pathology of poultry hatching.</p> <p>K2- basic information on pathological changes in the course of infectious and metabolic diseases of birds</p> <p>K3- basic information on contagious diseases of birds</p> <p>K4- basic information on the pharmacodynamics and pharmacokinetics of drugs used in birds</p> <p>Skills:</p> <p>S1- can perform anamnesis</p> <p>S2- is able to conduct a clinical trial and laboratory tests in farm and domestic birds</p> <p>S3- knows how to perform an autopsy of birds, an autopsy report and correctly interprets the results of the section.</p> <p>S4- correctly collects samples for laboratory tests and interprets the results of laboratory tests</p> <p>Social competences:</p> <p>C1- is responsible for making decisions about animals</p> <p>C2- adheres to ethical principles</p> <p>C3- puts the patient's well-being first</p>
Preliminary and additional requirements	Diseases of birds

<p>Contents of the training module – a compact description</p>	<p>Contact of students with patients - poultry, ornamental and wild birds. Students recognize pathological changes, analyze the results of the autopsy, discuss the existing problems in the field of bird pathology. They have the option of manual administering of drugs and making the injection to the patient. They also perform an embryopathological section in order to assess the post-hatch waste, they learn in practice the pathologies occurring during hatching. Students perform scoring coccidiosis. Students also participate in field exercises where they learn about the poultry farm. During these classes, it is possible to carry out a biosecurity assessment, and perform a clinical examination of birds. Students document each activity by filling in training cards and preparing answers to tasks. Completed personal training cards are a form of documentation necessary to complete the course.</p>
<p>Recommended and obligatory reading list</p>	<p>Basic literature:</p> <ol style="list-style-type: none"> <li>1. Sturkie P.D.: Avian Physiology. Paul Verlag, New York, 1986</li> <li>2. Swayne D.E. (Edit): Diseases of Poultry., Wiley-Blackwell, 13th Edition, 2013</li> <li>3. Randall C.J. Disease of the domestic fowl and turkey, London, 1985</li> </ol>
<p>The intended forms/activities/ teaching methods</p>	<p>Anatomopathological exercises  Exercises in ambulatory room  Laboratory exercises  Field exercises</p>

<p>Methods of verification and documentation forms of the achieved learning outcomes</p>	<p>Students receive personal training cards on which their activities are documented. The assessment covers:  Implementation of tasks assigned by the teacher during the exercises. Students' work is assessed by the teacher on the basis of answers to questions from the pool of questions covering the issues presented in the class and the implementation of practical tasks entrusted to the student: anamnesis, clinical examination of the bird, anatomopathological examination of the bird, taking samples for laboratory tests, practical performance of bacteriological examination and determination of bacterial sensitivity to antibiotics, parasitological examination.  Each skill is rated on a scale of 1-5 points. Points are obtained for completing the task in a correct manner, correct answer to the questions verifying the knowledge acquired during the training. The number of points obtained gives the grade for the module. Classes are held in a thematic block format and students must demonstrate 100% attendance. In the event of absence on a given topic, it is allowed to do them on a different date.  In a situation where the realization of classes at the University is suspended and the distance learning is necessary, other methods of verifying the realized learning outcomes are allowed in a manner adequate to the situation.</p>		
<p>Balance of ECTS credits</p>	<p>Form of classes</p>	<p>number of contact hours</p>	<p>ECTS</p>
	<p>Training</p>	<p>40</p>	<p>1,6</p>
	<p>Credit consultations</p>	<p>5 15</p>	<p>0,2 0,6</p>
		<p>number of non-contact hours</p>	
	<p>Preparation for the training</p>	<p>15</p>	<p>0,6</p>
	<p>Studying the recommended literature</p>	<p>10</p>	<p>0,4</p>
	<p>Preparation for credit</p>	<p>15</p>	<p>0,6</p>
	<p>Total</p>	<p>100 hours</p>	<p>4</p>
<p>Number of contact hours</p>	<p>Workload related to the activities requiring the direct participation of academic teachers:  40 h - training  5 hours – credit  15 hours - consultation  A total of 60 hours, which corresponds to 2,4 ECTS</p>		

<p>Relationship between subject learning outcomes and veterinary studies learning outcomes</p>	<p>K1- A.W2 ++  K2- A.W3 ++  K3- A.W13 +++  K4- A.W16 +++  S1- B.U2 +++  S2- B.U3 +++  S3- B.U16 +++  S4- B.U6 +++  C1- K1 ++  C2- K 2 ++  C3- K 2 ++</p>
<p>Impact of selected compounds to final grade</p>	<p>Percentage of individual items for the final grade:  Assessment of the pathological examination technique (5p) - 33%  Assessment of involvement and ability to perform anamnesis and clinical examination of the bird (5p) - 33%  Assessment of the ability to collect samples for tests and perform basic laboratory tests (5p) - 34%  Final grade percentage scale  % rating  0 - 59 -2  60 - 67- 3  68 - 76 -3.5  77 - 84 -4  85 - 92- 4.5  93 - 100 -5</p>