

Module code	M_WE_SEM8 PKLIN 1
Field of study	Veterinary medicine
Module name, also the name in English	Clinical training after VIII term Praktyka kliniczna po VIII semestrze
Language of instruction	English
Language of instruction	Obligatory
Module type	Long-cycle Master's degree programme
Form of study	Full-time and part-time
Year of study in the field of study	IV
Semester of study in the field of study	after VIII term
ECTS credits, divided into contact/non-contact hours	4 (3.7/0.3)
Name and surname of the person in charge	1. Dr hab. Andrzej Puchalski - he credits clinical training with entering the mark into the course record and examination sheet (based on the analysis of entries made by students in the internship logbook and additional questions in case of possible ambiguities concerning the course of training). 2. The veterinarian providing direct supervision of the student in clinical training.
Unit teaching the course	Faculty of Veterinary Medicine, University of Life Sciences in Lublin
Module objective	The training aims to familiarise students with tasks, organisation and work of a veterinary clinic and to deepen practical knowledge of clinical and laboratory diagnostics, veterinary surgery, internal diseases of farm animals and, if the veterinarian providing direct supervision of the students in training deems it advisable, radiology.
Learning outcomes	<p>Knowledge:</p> <p>K1. has the knowledge needed to perform a clinical examination of animals according to an examination plan, analyse clinical signs, make a diagnosis and take uncomplicated therapeutic measures</p> <p>K2. has knowledge of the principles and practical aspects of veterinary medicine in animal treatment facilities</p> <p>Skills:</p> <p>S1. can make an anamnesis, conduct a clinical examination, analyse clinical signs and laboratory test results, formulate diagnosis, take therapeutic and prophylactic measures</p> <p>S2. is able to administer anaesthesia, use the principles of aseptics and antisepsis, assist in basic surgical procedures in animals</p> <p>S3. is able to select and use laboratory techniques, collect material for tests, analyse and interpret results of these tests</p> <p>S4. is able to prepare clear descriptions of cases and maintain records, in accordance with applicable regulations, in a form that is understandable to the animal owner and readable by other veterinarians</p> <p>Social competences:</p>

	C1. is willing to form their own opinions, especially those concerning the diagnosis and treatment of animal diseases.
	C2. is willing to cooperate and work in a team, take responsibility for other team members and patients
	C3. is willing to continuous education and self-improvement in the field of their own profession.
Verification methods and ways of documenting the achieved learning outcomes	K - answers to questions formulated after an analysis of entries made by the student in the internship logbook S – skills checker – the veterinarian providing direct supervision of the student in clinical training. Self-performance of anamnesis, self-interpretation of disease symptoms and test results, self-performance of simple procedures C – participation in discussion, answers for questions formulated during the analysis of specific disease cases
Prerequisites and additional requirements	Requirements according to the sequence of subjects
Education module content	<p>in terms of medical records of diseases:</p> <ul style="list-style-type: none"> <li>- familiarisation with the forms of medical records used in veterinary clinics (medical history form, admission logbook, computerised records of admission and treatment),</li> </ul> <p>in terms of organisation and administration:</p> <ul style="list-style-type: none"> <li>- familiarisation with the principles of work organisation at the internship site,</li> <li>- familiarisation with patient registration and record keeping system (admission logbook, computerised records of admission and treatment),</li> <li>- familiarisation with procurement methods and general principles of managing a drug and material warehouse:</li> </ul> <ul style="list-style-type: none"> <li>- receiving, disbursing, storing and recording drugs and materials.</li> </ul> <p>in the field of internal medicine:</p> <ul style="list-style-type: none"> <li>- performing basic diagnostic activities,</li> <li>- performing simple procedures (subcutaneous, intramuscular and intravenous injections, pleural and peritoneal punctures, bladder catheterisation and rectal infusions),</li> <li>- familiarisation with the most commonly used medications in clinical practice,</li> <li>- interpretation of results of additional tests (CBC and urinalysis, blood biochemical tests, gasometric tests, ECG),</li> <li>- familiarisation with treatments for the most common internal disorders.</li> </ul> <p>in the field of veterinary surgery:</p> <ul style="list-style-type: none"> <li>- topical and general anaesthesia,</li> <li>- putting on dressings,</li> <li>- performing uncomplicated surgical procedures,</li> <li>- assisting with small surgical procedures (related to general surgery, ophthalmology, orthopaedics and dentistry),</li> </ul> <p>in the field of radiology:</p>

	<p>- principles of patient preparation for radiological and ultrasound examination, - interpretation of X-ray and ultrasound images.</p>		
Recommended reading list or required reading	<p>Regulations for Student Training Programme of Training (clinical and sanitary training) for fourth and fifth year students of Veterinary Medicine in Lublin Articles in veterinary journals</p>		
Planned forms/activities/teaching methods	<p>Conducting an anamnesis and clinical examination, discussion, disease case reports in the training logbook. Articles in veterinary journals</p>		
Verification methods and ways of documenting the achieved learning outcomes.	<p>1. Attendance at training as evidenced by a certificate with the seal of the medical facility accepting the student (or other institution) and the signature of the physician - supervisor of the internship. 2. A record of veterinary medicine activities as evidenced by an entry in the Day One Skills Diary, a list of animal patients admitted to a veterinary medical facility in the training logbook and signed by the authorised physician. Oral credit: verification of practical skills and knowledge gained during the training by the training coordinator (evaluation on a scale from 2.0 to 5.0, where 2.0 = unsatisfactory, 5.0 = very good)</p>		
ECTS credits	Form of classes	contact hours	ECTS credits
	Hand-on classes with a physician who supervises clinical training	160	3.67
	Final credit	1	0.03
		non-contact hours	
	recording of disease cases in the training logbook, preparation for final assessment	9	0.3
	Total	170	4
The workload of activities that requires direct participation of an academic teacher	<p>1 hour final credit Practical training with a doctor who supervises clinical training – 160 hours</p>		
Relation of module learning outcomes to course learning outcomes.	<p>K1 – WE_W17 ++, WE_W19 +++ K2 – WE_W18 ++, WE_W21 ++ S1 – WE_U14 +++, WE_U16 ++ S2 – WE_U15 ++, WE_U24 +++, WE_U26 ++ S3 – WE_U19 ++ S4 – WE_U3 +++ C1 – WE_K5 ++ C2 – WE_K9++ C3 – WE_K6 +++</p>		
Elements and values affecting the final grade	<p>The condition for passing grade is presentation of a certificate that proves the completion of the internship (stamp of the medical facility and signature of the physician – internship supervisor).</p>		

	Final Grade: 100% passing grade.
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