

Module code	M_WE_SEM2 PW 1A/2A HERP
Field of study	Veterinary medicine
Module name, also the name in English	Herpetology with elements of herpetoculture Herpetologia i terrarystyka
Language of instruction	Polish
Module type	optional
Level of studies	Long-cycle master's degree studies
Form of study	Full-time
Year of study in the field of study	I
Semester of study in the field of study	II
ECTS credits, divided into contact/non-contact hours	1 ECTS ( 0.5/0.5)
Academic title/degree, name of the person responsible for the module	dr Marta Demkowska-Kutrzepa
Unit teaching the module	Department of Parasitology and Fish Diseases Department of Parasitology and Invasive Diseases
Module objective	Learning the basics of evolution, biology and husbandry of amphibians and reptiles. Learning about Polish herpetofauna and the most common breeding species of amphibians and reptiles. Learning about the role of amphibians and reptiles in the environment and issues concerning their protection.
The learning outcomes for the module include a description of the knowledge, skills and social competences that the student will gain after completing the module.	Knowledge:
	K1. Has the knowledge about biology, occurrence and role of reptiles and amphibians in Poland.
	K2. Has the knowledge on breeding and feeding of amphibians and reptiles
	K3. Knows the basic amphibian and reptile protection laws.
	Skills:
	S1. Is able to create appropriate conditions for captive breeding of amphibians and reptiles.
	S2. Is able to evaluate and comment on threats caused by human activity in the context of reptile and amphibian protection
Social competences:	
Sc1. Is aware of the importance of amphibians and reptiles in ecosystems and the threats to humans arising from the presence of dangerous species.	
Prerequisites and additional requirements	No entry requirements

Module program content	<p>Legal bases of breeding and trade of exotic animals in Poland. Evolution and systematic position of amphibians and reptiles. The role of amphibians and reptiles in the environment and economy.</p> <p>Amphibians and reptiles of Poland, species conservation and reintroduction programs.</p> <p>The most popular breeding species - tortoises - semi-aquatic turtles - lizards - snakes. - amphibians</p> <p>Dangers associated with colonization of native habitats by alien, breeding species - invasive species</p> <p>The dangers of breeding venomous animals. Reptile and amphibian husbandry systems.</p> <p>The concept and role of hibernation and estivation in reptiles. Reproductive modes of reptiles, reproductive disorders in reptiles.</p> <p>Nutrition of reptiles and amphibians ( feeding of young and adult animals, type of food and frequency of feeding, dietary supplementation, role of vitamins in reptile nutrition.</p>																													
List of core and supplementary literature	<ol style="list-style-type: none"> <li>1. Biology of turtles Janette Wyneken, Matthew H. Godfrey, Vincent Bells, CRC Press, 2008.</li> <li>2. Herpetology: An Introductory Biology of Amphibians and Reptiles, Laurie J. Vitt, Janalee P. Caldwell, Elsevier Books, 2013.</li> <li>3. Understanding Reptile Parasites: A Basic Manual for Herpetoculturists &amp; Veterinarians : Roger Klingenberg, Advanced Vivarium Systems (June 1, 1997)</li> <li>4. Infectious Diseases and Pathology of Reptiles: Color Atlas and Text, autor: Elliott Jacobson, CRC Press; 1 edition (April 11, 2007)</li> <li>5.Reptile Medicine and Surgery. autor: Douglas R. Mader MS DVM, Saunders; 2 edition 2007</li> <li>6.Exotic Animal Formulary, autor: James W. Carpenter MS DVM Dipl ACZM, Saunders; 3 edition (December 28,2004)</li> </ol>																													
Planned forms/activities/teaching methods	Lecture-style presentations, hands-on exercises with animal and terrarium demonstrations. watching and reviewing films, field activities in Polesie National Park and Exotarium in Lublin																													
Verification methods and ways of documenting the achieved learning outcomes.	<p>A credit of the course based on the activity during the classes. Absence from 2 of 15 class hours is admissible.</p> <p>Knowledge; oral colloquium of 5 questions on biology and husbandry of amphibians and reptiles. A positive viewer rating of at least 60%. Skills: a written paper describing a selected problem proposed by the instructor . Social competences: discussion</p>																													
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academic teacher	TOTAL with direct involvement of the teacher	16	0,5
Relation of module learning outcomes to course learning outcomes.	A.W10++ B.W11++ B.W13+ B.U1. ++ B.U5 K1.++,K4++		
Elements and values affecting the final grade	Final grade 20% of activity during classes, 40% of the oral colloquium assessment, 40% of the written work assessment		