

**Course name:****DISEASES OF EXOTIC ANIMALS KEPT AT HOME**

ECTS	
Course status	<b>complementary</b>
Course final assesement/evaluation of outcomes	<b>exam</b>
Prerequisites	Veterinary microbiology; Veterinary pharmacology; Clinical and laboratory diagnostics; General surgery and anaesthesiology; Parasitology and invasiology

**Main field of study:****field of study name (capital letters)**

Profile of study	<b>General-academic</b>
The code of studies (education level)	<b>SJ</b>
Semester of studies	<b>summer</b>
Language of instruction	<b>Polish</b>

**Course offered by:**

Name of faculty offering the course	<b>University Centre for Veterinary Medicine</b>
Name of department offering the course	
Course coordinator	<b>Maria Chmurska</b>

**Learning outcomes of the course:**

Symbol of outcome	Description of learning outcome	Reference to	
		main field of study outcomes	discipline#

**KNOWLEDGE – student knows and/or understands:**

WCE_W1	normal anatomy and describes and explains disorders at the system and organismal level in the course of selected disease entities in different animal species (amphibians, reptiles, birds, mammals including rodents, rabbits)	B_W1	RW
WCE_W2	knows the proper maintenance conditions and feeding rules for exotic animals. Identifies etiological agents of diseases of exotic animals (amphibians, reptiles, birds, mammals including rodents, hares). Describes symptoms of diseases and anatomopathological changes occurring in individual species in the course of selected disease entities	AW_10, AW_13	RW
WCE_W3	the principles of diagnostic procedure taking into account the principles of differential diagnosis. Knows the theoretical and practical basis of clinical diagnosis of the different animal clusters: physical examination of animals	BW_4	RW
WCE_W4	knowledge of the therapeutic and dietary management of sick animals	BW_3	RW
WCE_W5	identifies and interprets relevant laws. Is familiar with the regulations governing the movement of non-domestic animals, and knows CITES procedures. Follows the proper course of action when notifiable diseases are found	BW_8	RW

**SKILLS – student is able to:**

WCE_U1	tame exotic animals, independently performs subcutaneous, intramuscular, intravenous injections; selects and humanely applies methods of taming and preparing animals for veterinary medicine, in accordance with the principles of occupational safety and health	B_U1	RW
WCE_U2	perform a clinical examination in specific animal species, skilfully performs subcutaneous, intramuscular and intravenous injections; can collect, describe and properly secure material for additional examinations	B_U3, B_U6	RW
<b>SOCIAL COMPETENCE- student is ready to:</b>			
WCE_K1	taking responsibility for decisions related to the animals	O_K1	RW
WCE_K2	continuous improvement of knowledge	O_K6	RW

### Teaching contents:

<b>Lectures</b>	<b>30</b>	<b>hours</b>
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Topics of the lectures	<p>1. Amphibians</p> <p>a. the most commonly kept amphibian species at home along with their physiology</p> <p>b. diseases of amphibians resulting from errors in their maintenance</p> <p>c. basic infectious and invasive diseases of amphibians</p> <p>2. Reptiles</p> <p>a. the most commonly kept domestic reptile species</p> <p>b. basic issues in the physiology of turtles, lizards and snakes, principles of nutrition, maintenance conditions</p> <p>c. diseases resulting from errors in the maintenance of these animals, therapeutic management</p> <p>d. invasive diseases, diagnostic methods, treatment</p> <p>e. the most common infectious diseases, diagnostic methods and principles of treatment</p> <p>f. problems in reptile reproduction, principles of treatment</p> <p>3 Birds</p> <p>a. basic issues of bird physiology, maintenance conditions and nutrition</p> <p>b. diseases resulting from errors in maintenance of exotic birds, treatment management</p> <p>c. invasive diseases, diagnostic methods, treatment</p> <p>d. the most common infectious diseases, diagnostic methods and principles of treatment</p> <p>e. problems in reproduction, hormonal disorders, principles of treatment</p> <p>4 Small mammals: rats, guinea pigs, ferrets and rabbits</p> <p>a. basic physiology, living conditions and nutrition</p> <p>b. diseases resulting from maintenance errors, therapeutic management</p> <p>c. the most common invasive diseases, diagnostic methods and principles of treatment</p> <p>d. basic infectious diseases, treatment</p> <p>e. endocrine disorders occurring in rodents and rabbits, diagnosis and treatment</p> <p>f. dental and ophthalmological problems</p>
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Accomplished learning outcomes	WCE_W1, WCE_W2, WCE_W3, WCE_W4, WCE_W5
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Verification methods, rules and criteria of outcome assessment	<p><i>The credit is in written form; Students are given four issues to describe, 5 points can be earned for each issue</i></p> <p><i>method of evaluation:</i></p> <p><i>12 pts sufficient</i></p> <p><i>13-14 pts sufficient plus</i></p> <p><i>15-16 pts good</i></p> <p><i>17-18 pts good plus</i></p> <p><i>19-20 pts very good</i></p> <p><i>contribution to the final evaluation of the module: 80%</i></p>
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<b>Classes</b>	<b>15</b>	<b>hours</b>
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Topics of the classes	Classes with live reptile specimens- techniques for collecting material for diagnostic tests, basic examination Section classes – small rodents, rabbits, basic dental techniques Section classes – small rodents, rabbits, anesthesiology, basic surgery techniques, and autopsies
Accomplished learning outcomes	symbol of learning outcomes for the classes: WCE_U1, WCE_U2
Verification methods, rules and criteria of outcome assessment	compliance with the rules of the class – 5%, activity during practical classes – 15%, total contribution to the final module 20%

#### References:

Basic	<i>M.A. Mitchell, T.N. Tulmy.: Zwierzęta egzotyczne. Elsevier Urban &amp; Partner, Wrocław 2010.</i> <i>K. Gabrisch, P. Zwart.: Praktyka kliniczna zwierząt egzotycznych. Galaktyka, Łódź 2009.</i>
Supplementary	<i>J.W. Carpenter.: Exotic Animal Formulary, 4th edition, Elsevier 2013</i> <i>A.Meredith.: BSAVA Manual of Exotic Pets, 5th edition, 2010</i>

#### Structure of learning outcomes:

Discipline: agricultural sciences – veterinary discipline	3	ECTS**
Discipline: # (provide appropriate symbol - if the course relates to more than one academic discipline)	...	ECTS**

#### Structure of student activities:

Contact hours	50	hours	2	ECTS**
including:				
lectures	30	hours		
classes and seminars	15	hours		
consultations	2	hours		
participation in research	...	hours		
mandatory traineeships	...	hours		
participation in examinations	3	hours		
e-learning	...	hours	...	ECTS**
student own work	25	hours	1	ECTS**

Syllabus valid from the academic year 2021/2022

\* where 10 hours of classes = 1 ECTC (in case of 15 h → 2 ECTS)

\*\* stated with an accuracy to 0.1 ECTS, where 1 ECTS = 25 - 30 hours of classes

# academic discipline code: RZ - animal science and fishery, PB - biological sciences, etc.