Subject:	**Diseases of non-domestic animals**
ECTS points	2
Status	elective faculty
Form of the final assessment	credit for a grade
Preliminary requirements	passing the subject: Parasitology and invasiology Veterinary microbiology; Clinical and laboratory diagnostics

Field of study	**veterinary**
Profile of study	practical
Code of the form of study and level of study	SJ
Semester of study	11
Lecture language	Polish

Course leader:	
Name of the unit responsible for the coordinator	University Centre for Veterinary Medicine

Learning outcomes:

Description component code	Description	Reference to (code)	
		directional effect	disciplines
	KNOWLEDGE – Student knows and understands:		
WCN_W1	principles and mechanisms underlying the health of the described families and species of non-domestic animals (cervids, bison, camelids, falconry birds, ostriches, lagomorphs). Characterizes proper animal housing conditions and knows the principles of determining herd health based on the behaviour of individuals in a group	A.W1	RW
WCN_W2	identifies and describes the biology of infectious agents that cause animal-transmitted diseases and anthropozoonosis, taking into account the mechanisms of disease transmission and the body's defence mechanisms. Able to describe and interpret symptoms and anatomopathological changes in specific disease entities	A.W10 A.W13 B.W3	RW
WCN_W3	knows how to carry out the diagnostic procedure including differential diagnosis. Knows the principles of treatment and prevention of individual disease units in individual and whole herd management	B.W3 B.W4	RW
WCN_W4	is familiar with the legal regulations on animal welfare taking into account the laws governing the maintenance of farmed non-domestic animals. Follows the proper course of action when notifiable diseases are found	B.W5 B.W8	RW
	SKILLS – Student can:		
WCN_U1	select and correctly apply humane methods of taming and preparing animals for medical and veterinary procedures, in accordance with the principles of occupational safety and health	B.U1	RW
WCN_U2	knows how to assess the proper nutritional status of an animal, take a medical history, and evaluate the welfare of animals in a herd. Can recognize and interpret the behaviour of healthy and sick animals	B.U1 B.U6	RW
WCN_U3	develop and implement prevention programs specific to individual species of non-domestic farmed animals	B.U25	RW
	GENERAL SOCIAL COMPETENCIES – Student is ready to: O.K1; O.K3;O.K6; O.K8		

Educational Content:

Lectures		**15**	**hrs.**
Class topics	Legal basis - regarding the maintenance of cervids in farm conditions, - running rehabilitation centres for wild animals - dealing with wild animals in emergency situations Deer and bison - invasive diseases, diagnosis, treatment and prevention in the herd - basic disease entities (infectious, invasive, parasitic) Ostriches, grouse and pheasants - basic issues of breeding - grouse introduction - the most common invasive and infectious diseases Falconry birds - most commonly kept species of falconry birds - most common diseases of falconry birds Camels - camels of the Old and New World, basic information about this group of animals and specifics of breeding - most common invasive diseases - primary infectious diseases Lagomorpha - basic invasive and infectious diseases - artificial rearing of young in rehabilitation centres First aid issues in the operation of rehabilitation centres and emergency situations		
Realized learning outcomes	WCN_W1, WCN_W2, WCN_W3, WCN_W4,		
Verification methods and evaluation principles and criteria	Written credit from the content of exercises and lectures, credit from 60% correct answers Students are given four issues to describe, 5 points can be earned for each issue. Assessment method: 12 pts sufficient 13-14 pts sufficient plus 15-16 pts good 17-18 pts good plus 19-20 pts very good		
Laboratory exercises		**15**	**hrs.**
Class topics	Centres for the maintenance of the bison on the example of the Bison Breeding Centre in Kłaj Deer breeding centres on the example of the Małopolska Agricultural Advisory Centre in Karniowice Falconry birds, rehabilitation centres, Experimental Station of the Department of Environmental Zoology in Mydlniki UR		
Realized learning outcomes	WCN_U1, WCN_U2, WCN_U3		
Verification methods and evaluation principles and criteria	Final credit described in lecture section		

Literature:

Basic	Selected numbers of the journal Życie Weterynaryjne Fowler's Zoo and Wild Animal Medicine vol.8, Elsevier, 2014
Supplementary	

Structure of learning outcomes:

Discipline	agricultural sciences – veterinary discipline			2.0	ECTS
Discipline					
Structure of Student activity:					
classes implemented with direct participation of the instructor		40	hrs.	1.5	ECTS
including:	lectures	15	hrs.		
	exercises and seminars	15	hrs.		
	consultations	8	hrs.		
	participation in examinations	0	hrs.		
	mandatory internships and apprenticeships	0	hrs.		
	participation in the exam and credits	2	hrs.		
classes implemented using distance learning methods and techniques		0	hrs.	0.0	ECTS
Student's own work		15	hrs.	0.5	ECTS

) - Reported to the nearest 0.1 ECTS, where 1 ECTS = 25-30 hours of instruction*