Course name:

BASIC ISSUES OF ETHOLOGY

ECTS	**4**
Course status	**complementary**
Course final assessement/evaluation of outcomes	**exam**
Prerequisites	**basic agricultural knowledge, basic knowledge in animal husbandry and animal science**

Main field of study:

ANIMAL SCIENCE

Profile of study	**General-academic**
The code of studies (education level)	**SI (bachelor)**
Semester of studies	**summer**
Language of instruction	**English**

Course offered by:

Name of faculty offering the course	**Faculty of Animal Sciences**
Name of department offering the course	**Department of Department of Genetics, Animal Breeding and Ethology**
Course coordinator	**DSc. Jacek Nowicki, Associate Professor**

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:			
BIE_W1	the operation of the senses in animals and cognitive processes in different species	ZOO1_W01 ZOO1_W04 ZOO1_W10 ZOO1_W11	RZ
BIE_W2	different types of behaviour and behavioral priorities of various species.	ZOO1_W01 ZOO1_W04 ZOO1_W10 ZOO1_W11	RZ
BIE_W3	behavioural problems in animals and knows the solutions	ZOO1_W10	RZ
BIE_W4	the human-animal relations and their impact on the welfare of animals	ZOO1_W10 ZOO1_W11	RZ
SKILLS – student is able to:			

BIE_U1	identify the activity and resting phases in animals and the behaviours belonging to each phase	ZOO1_U03 ZOO1_U09 ZOO1_U17	RZ
BIE_U2	identify the factors influencing the animal behaviour including social and maternal behaviour. Student is able to use behavioural tests	ZOO1_U03 ZOO1_U09 ZOO1_U17	RZ
SOCIAL COMPETENCE- student is ready to:			
BIE_K1	identify abnormal behaviour and to take the proper solutions	ZOO1_K01 ZOO1_K06	RZ
BIE_K2	care for the animal welfare	ZOO1_K04 ZOO1_K06 ZOO1_K09	RZ

Teaching contents:

Lectures		**30**	**hours**
Topics of the lectures	Methods of describing and measuring animal behaviour Experience and learning Cognition, behavioural priorities and emotions Organization of behaviour, main types of behavioural patterns Social and reproductive behaviour Early and parental behaviour Animals and humans - interactions Behavioural tests of maternal responsiveness Tests of adaptation abilities Preference tests of cognition abilities		
Accomplished learning outcomes	*BIE_W1, BIE_W2, BIE_W3, BIE_W4*		
Verification methods, rules and criteria of outcome assessment	*Exam - choice test. 50% of correct answers must be provided to pass the exam. The share of the lecture grade in the final grade is 50%*		

Classes		**10**	**hours**
Topics of the classes	Social behaviour, social hierarchy, evaluation of social status The animal welfare in different housing systems – methods of evaluation		
Accomplished learning outcomes	*BIE_U1, BIE_U2, BIE_K1, BIE_K2*		
Verification methods, rules and criteria of outcome assessment	*Passing the excercises, choice test - 50% of correct answers must be provided to pass the excercises. The share of the excercises grade in the final grade is 50%*		

Seminars		**0**	**hours**
Topics of the seminars			

Accomplished learning outcomes	*symbol of learning outcomesof the seminars*
Verification methods, rules and criteria of outcome assessment	*together with participation in the final asessement (in %)*

References:

Basic	*1. Domestic animal behaviour and welfare, D.M. Broom, A.F. Fraser, CAB International, 2007* *2. The Welfare of pigs, edited by J.N. Marchant-Forde, Springer, 2009:* *3. Barnett, J.L. and Hemsworth, P. H. 1990. The validity of physiological and behavioural measures of animal welfare. Appl. Anim. Behav. Sci. 25, 177-187.*
Supplementary	*The behaviour of domestic animals / edited by E.S.E. Hafez, Baulierre-Tindlall, London, 1975*

Structure of learning outcomes:

Discipline – animal husbandry and fishery (RZ)	*4*	ECTS**

Structure of student activities:

Contact hours		47	hours	2,44	ECTS**
including:	lectures	30	hours		
	classes and seminars	10	hours		
	consultations	5	hours		
	participation in research	0	hours		
	mandatory trainerships	0	hours		
	participation in examinations	2	hours		
e-learning		0	hours	0	ECTS**
student own work		30	hours	1,56	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.