


KAPITAŁ LUDZKI
 NARODOWA STRATEGIA SPÓJNOŚCI

 Projekt współfinansowany przez
 Unię Europejską w ramach
 Europejskiego Funduszu
 Społecznego

UNIA EUROPEJSKA
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 FUNDUSZ SPOŁECZNY


Course title		ECTS code	
Animal Behaviour		not defined	
Name of unit administrating study			
Faculty of Biology			
Studies			
faculty	field of study	type	all
Faculty of Biology	Natural Resources Conservation, Genetics and Experimental Biology, Medical Biology, Biology	form	all
		specialty	all
		specialization	all
Teaching staff			
dr hab. Katarzyna Wojczulanis-Jakubas; dr hab. Wojciech Pokora, profesor uczelni			
Forms of classes, the realization and number of hours		ECTS credits	
Forms of classes		2	
Lecture		Estimated work time	
The realization of activities		Work with the teacher:	
classroom instruction, online classes		Lectures – 15 hours	
Number of hours		Consultations – 12 hours	
Lecture: 15 hours		Student own work:	
		mini-project – 23 hours	
		Total: 50 hours	
The academic cycle			
2022/2023 winter semester			
Type of course		Language of instruction	
an elective course		english	
Teaching methods		Form and method of assessment and basic criteria for evaluation or examination requirements	
Lecture with presentation and report on literature review.		Final evaluation	
		Graded credit	
		Assessment methods	
		- assignment work – completing a specific practical assignment	
		- written exam (test)	
		- Final test and literature review report.	
		The basic criteria for evaluation	
		Report consist of a test based on the material presented during the lecture and results of the mini-project. Report evaluated following the rules established for UG. Presence during the lecture is compulsory (absence on 4 hours is acceptable). Gaps in knowledge being the consequence of the absense are filled via self-learning. Final report performed at the last day of the classess.	
Method of verifying required learning outcomes			
Final test and literature review report.			
Required courses and introductory requirements			
A. Formal requirements			
There is no specific formal requirments.			

<p>B. Prerequisites English, at least B2 level (lecture, literature and final report are in English). Good understanding of basic statistics.</p>	
<p>Aims of education</p> <ul style="list-style-type: none"> - gaining an updated knowledge on animal behaviour - understanding mechanisms driving various animal behaviours - familiarizing with research methodology in animal behaviour - shaping an awareness of significance of the knowledge on animal behaviour 	
<p>Course contents</p> <p>Animal behaviours - description and quantification, antropomorphism. Proximate and ultimate factors influencing animal behaviour. Courtship behaviour. Animal cognition. Behavioural contagion and empathy in animals. Behavioural coordination. Inter-individual variation in behaviour and animal personality</p>	
<p>Bibliography of literature</p> <p>A. Required literature :</p> <p>1. Scientific papers and internet sources pointed out in the course of the lectures.</p> <p>B. Additional literature</p> <p>Wojczulanis-Jakubas K, Plenzler J, Jakubas D (2019) Indications of contagious behaviours in the southern elephant seal: an observational study. <i>Behaviour</i> 156:59–77. doi: 10.1163/1568539X-00003530</p> <p>Wojczulanis-Jakubas K, Araya-Salas M, Jakubas D (2018) Seabird parents provision their chick in a coordinated manner. <i>PLoS One</i> 13:e0189969</p> <p>Araya-Salas M, Wojczulanis-Jakubas K, Phillips EM, et al (2017) To overlap or not to overlap: context-dependent coordinated singing in lekking long-billed hermits. <i>Anim Behav</i> 124:. doi: 10.1016/j.anbehav.2016.12.003</p> <p>Wojczulanis-Jakubas K, Kulpińska M, Minias P (2015) Who bullies whom at a garden feeder? Interspecific agonistic interactions of small passerines during a cold winter. <i>J Ethol</i> 33:159–163. doi: 10.1007/s10164-015-0424-x</p> <p>Araya-Salas M, Gonzalez-Gomez P, Wojczulanis-Jakubas K, et al (2018) Spatial memory is as important as weapon and body size for territorial ownership in a lekking hummingbird. <i>Sci Rep</i> 8. doi: 10.1038/s41598-018-20441-x</p>	
<p>The learning outcomes (for the field of study and specialization)</p> <p>P7U_W, P7S_WG, P7U_U, P7S_UW, P7U_U, P7S_UK, P7U_K, P7S_KK, P7S_KK</p>	<p>Knowledge</p> <p>P7U_W, P7S_WG: Student understands necessity of rigorous, research-based interpretation of animal behaviour both in scientific work and other related works</p> <p>P7U_W, P7S_WG: Student exhibit a deep understanding of variety and mechanisms of animal behaviour</p> <p>P7U_W, P7S_WG: Student knows modern technics and jargon in research areas related to animal behaviour</p>
	<p>Skills</p> <p>P7S_UW: Student exhibits knowledge-based approach in interpreting and concluding data about animal behaviour.</p> <p>P7U_U, P7S_UW: Student can verify various sources of knowledge on animal behaviour and use them appropriately.</p> <p>P7U_U, P7S_UK: Student is familiar with a jargon used in animal behaviour research</p>
	<p>Social competence</p> <p>P7U_K, P7S_KK: Student is independent in searching reliable information and understands the need of continuous self-development.</p> <p>P7S_KK: Student uses reliable, scietificaly verified sources of information to gain a knowledge on any topic</p>
	<p>Contact</p> <p>biokwj@univ.gda.pl</p>