

Subject card

Subject name and code	Biology of criminal behavior, PG_00000978						
Field of study	Biologia zachowań kryminalnych (Ćw. audytoryjne)						
Date of commencement of studies	October 2022	Academic year of realisation of subject				2024/2025	
Education level	Bachelor's studies	Subject group					
Mode of study	full-time studies	Mode of delivery				at the university	
Year of study	3	Language of instruction				Polish	
Semester of study	5	ECTS credits				2.0	
Learning profile	academic	Assessment form				credit	
Conducting unit	Laboratory of Neurobiology -> Department of Animal and Human Physiology -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Wojciech Glac				
	Teachers		dr Wojciech Glac				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
	eNauczanie source addresses: Moodle ID: 10924 Biologia zachowań kryminalnych 2024/25 https://mdl.ug.edu.pl/course/view.php?id=10924						
Additional information: Kurs prowadzony w systemie zgamifikowanym (o konstrukcji i działaniu opartych są na mechanice i elementach gry oraz fabule), w którym student_ka poprzez systematyczne wykonywanie różnego rodzaju zadań i uzyskiwanie w ich efekcie punktów, dokonuje postępu w grze, który zgodnie z podanymi kryteriami przekłada się jednocześnie na możliwość uzyskania określonej oceny końcowej (bez konieczności uczestniczenia w egzaminie bądź kolokwium).							
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		0.0		0.0	30
Subject objectives	<ul style="list-style-type: none"> • understanding the biological and social factors that predispose to crime • understanding the neurobiological mechanisms responsible for the increase in susceptibility and occurrence of antisocial behavior • understanding the basis of the interaction between biological and environmental factors determining the occurrence of antisocial behavior 						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLL3_W04] the graduate knows and understands to an advanced degree the course of physiological processes and their relationship to the adaptation of the organism to changing environmental conditions	knows and understands neurobiological mechanisms leading to increased tendency to antisocial and criminal behavior (B_W04)	[SW4] test/egzamin - ustny lub pisemny [SW5] realizacja zadania problemowego
	[BIOLL3_U09] the graduate is able to prepare in writing well-documented studies of selected biological problems	prepares well-documented studies of selected problems in the field of biology of antisocial and criminal behavior (B_U09)	[SU5] realizacja zadania problemowego
	[BIOLL3_U05] the graduate is able to synthesise data from a variety of sources and draw appropriate conclusions on this basis	synthesizes data from various sources and draws appropriate conclusions regarding the intensity of an individual's tendency to antisocial behavior or the likelihood of committing a described antisocial or criminal behavior (B_U05)	[SU2] prezentacja/projekt/referat/raport [SU5] realizacja zadania problemowego
	[BIOLL3_K07] the graduate is ready to consciously apply the principles of bioethics	is aware of ethical dilemmas related to the use of knowledge on the biological basis of antisocial and criminal behavior (B_K07)	[SK1] wypowiedź ustna/rozmowa/diskusja [SK5] realizacja zadania problemowego
[BIOLL3_K03] the graduate is ready to organize the work of a small team and to work effectively in a team environment	is able to organize the work of a small team and demonstrates the ability to effectively work in a team to solve a problem related to the biology of criminal behavior (B_K03)	[SK8] obserwacja samodzielnej lub zespołowej pracy studenta	
Subject contents	<ul style="list-style-type: none"> • review of criminological theories regarding the biological and social determinants of crime, • the role of genes and environment in crime development, • neurobiological basis of predisposition to antisocial and criminal behavior, • antisocial behavior induced by central nervous system dysfunctions (e.g. psychopathy, antisocial personality disorder), • genetic determinants of crime (neurogenetics), • learning criminal behavior, • the neurobiological basis of the decision-making process of crime behavior (committed as an affect or with the so-called premeditation), • biological differences between the sexes influencing the differential susceptibility to criminal behavior in women and men 		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	quizzes	51.0%	20.0%
	case studies	51.0%	20.0%
	team problem tasks	51.0%	20.0%
	discussion	51.0%	10.0%
	case study (final report)	51.0%	30.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> • Ostrowska K., Wójcik D., 1986. Teorie kryminologiczne. Akademia Teologii Katolickiej. • Sadowski B., 2005. Biologiczne mechanizmy zachowania się ludzi i zwierząt. PWN. • Bieżąca literatura naukowa - artykuły w czasopismach specjalistycznych (dostarczone przez prowadzącego) 	
	Supplementary literature	<ul style="list-style-type: none"> • Górska T., Grabowska A., Zagrodzka J. (red.), 1997. Mózg a zachowanie. Wydawnictwo Naukowe PWN, Warszawa. • Bieżąca literatura naukowa - artykuły w czasopismach specjalistycznych (dostarczone przez prowadzącego) 	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> • test - what brain structure is responsible for triggering aggression? (indicate correct answer) • case study - a description of the crime for which possible reasons relating to the perpetrator should be indicated • problem task - how damage to a specific structure will change the tendency to commit a crime • discussion - should biological features be evidence in the trial? • case study (final report) - description of the event with the characteristics of several suspects, to which the most likely perpetrator should be indicated with a justification 		
Work placement	Not applicable		

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