

Subject card

Subject name and code	Criminology I (Criminal Biology) - auditorium classes, PG_00138047						
Field of study	Criminology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	academic		Assessment form				
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						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	20.0	0.0	0.0	0.0	20
	E-learning hours included: 0.0						
	Additional information: The course is conducted in a gamified system (the structure and actions are based on game mechanics, elements and plot), in which the student, by systematically performing various types of tasks and obtaining points as a result, makes progress in the game, which, in accordance with the given criteria, gives the possibility of obtaining a specific final grade (without having to participate in an exam or colloquium).						
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	20		0.0		30.0	50
Subject objectives	• develop the ability to formulate conclusions regarding susceptibility to criminal behavior based on the analysis of neurobiological and social factors • develop the ability to analyze neurobiological features and data on brain anatomy and functioning in order to assess the basis of criminal behavior and susceptibility to criminal behavior						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[KRYML3_WG02] To an advanced degree, he knows the terminology and key concepts of law, criminology and related sciences, including law, psychology and sociology, to the extent related to the studied major		Demonstrates advanced knowledge of criminal biology, including the neurobiological basis of antisocial and criminal behavior, as well as the social determinants of criminality.		[SW4] test/exam - oral or written [SW3] text preparation/written work		
	[KRYML3_K02] In advanced degree is able to make a critical assessment of his knowledge and received content, responsibly prepares for work, is able to determine priorities and adequately plan work		Is able to critically evaluate facts through the lens of advanced knowledge and skills in criminal biology, define objectives, and plan work on a given problem within the field of criminal biology.		[SK5] implementation of a problem task [SK8] observation of student's independent or team work		
	[KRYML3_UW01] In advanced level is able to use theoretical knowledge of criminology and related disciplines to analyze, interpret and solve problems related to criminology		Is able to apply knowledge of criminal biology to interpret the causes of criminal behavior and to assess an individual's vulnerability to criminal behavior based on their biological traits and social environment.		[SU3] text preparation/written work [SU5] implementation of a problem task		

Subject contents	- theories about the causes of crime - the role of genes and environment in the development of crime - human behavior and its regulation, emotions, motivation, drive reactions, free will, learning and conditioning - brain mechanisms influencing susceptibility to antisocial and criminal behavior and their inter-individual variability - brain mechanisms leading to antisocial and criminal behavior carried out in the so-called with passion and premeditation - the impact of mental disorders and personality disorders on the tendency to commit criminal behavior - biological differences between women and men and their impact on the tendency to engage in criminal behavior		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	elaborations	51.0%	30.0%
	problem-based task	51.0%	30.0%
	discussions	51.0%	20.0%
	quizzes	51.0%	20.0%
Recommended reading	Basic literature	- any academic textbook on criminology - Sadowski, 2005. Biologiczne mechanizmy zachowania się ludzi i zwierząt. PWN.	
	Supplementary literature	- Niehoff, 2001. Biologia przemocy. Poznan. - Noir i Jessel, 1998. Zbrodnia rodzi się w mózgu: Zagadka biologicznych uwarunkowań przestępczości. Książka i Wiedza. - Longstaff, 2002. Neurobiologia, PWN.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	quiz - indicate the theses that correctly describe the theory [name of the theory] elaborations - create a mind map illustrating various sociological factors that predispose to crime problem-based task (case study) - based on the described story, indicate and justify what biological and social factors predisposed the perpetrator to the crime and indicate what interventions should be taken to prevent the crime discussion - topic: whether specific biological predispositions should be treated as factors influencing the sentence		
Work placement	Not applicable		

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