

Subject card

Subject name and code	Criminal Biology - lecture, PG_00201592						
Field of study	Criminology and Criminal Justice						
Date of commencement of studies	October 2027		Academic year of realisation of subject			2027/2028	
Education level	Bachelor's studies		Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study	
Mode of study	full-time studies		Mode of delivery			at the university	
Year of study	1		Language of instruction			English	
Semester of study	1		ECTS credits			5.0	
Learning profile	academic		Assessment form			exam	
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	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
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		2.0		93.0	125
Subject objectives	• learning and understanding the neurobiological and social determinants of crime • learning and understanding the brain mechanisms underlying antisocial and criminal behavior • learning and understanding the mechanisms underlying the interactions between social and biological factors in their mutual influence on an individual's antisocial and criminal behavior						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[CCJL3_W05] has advanced knowledge of the human being, particularly as an entity shaping social structures and the principles governing their functioning, as well as functioning within these structures.	Demonstrates knowledge of human neurobiology and the neurobiological basis of behavior, including social and antisocial behavior.	[SW4] test/exam - oral or written [SW3] text preparation/written work
	[CCJL3_K02] is aware of the extent of their knowledge and skills, and understands the need to learn and act in an entrepreneurial manner, including initiating and carrying out activities in a professional setting.	Is prepared to participate in various initiatives involving the application of knowledge and skills in criminal biology and to use this expertise professionally in communication within project teams.	[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task [SK8] observation of student's independent or team work
	[CCJL3_W02] Has advanced knowledge and understanding of facts, concepts, and relationships between selected natural and social phenomena, as well as products of human thought, particularly from the perspective of legal determinants related to prohibited acts, as well as the etiology and phenomenology of crime, key social and psychological phenomena, and the fundamental dilemmas of contemporary civilization connected with security, crime, and the protection of human rights.	Demonstrates advanced knowledge of the interaction between biological and social factors in shaping vulnerability to antisocial and criminal behavior.	[SW4] test/exam - oral or written [SW3] text preparation/written work
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
	problem-based task	51.0%	25.0%
	discussions	51.0%	20.0%
	quizzes	51.0%	25.0%
	elaborations	51.0%	30.0%
Recommended reading	Basic literature	- Alison Liebling, Shadd Maruna, Lesley McAra. The Oxford Handbook of Criminology. Oxford University Press, 2017 - David C. Rowe. Biology and Crime. Roxbury Pub Co., 2001	
	Supplementary literature	- Nicole Rafter. The Criminal Brain: Understanding Biological Theories of Crime. NYU Press, 2008 - Adrian Raine. The Anatomy of Violence: The Biological Roots of Crime. Vintage, 2014	
	eResources addresses		

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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