

Subject card

Subject name and code	Criminology I (Criminal Biology) - lecture, PG_00199229						
Field of study	Criminology						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
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			Polish		
Semester of study	1	ECTS credits			2.0		
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		0.0		20.0	50
Subject objectives	<ul style="list-style-type: none"> 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	
	[KRYML3_U01] 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	
	[KRYML3_W02] Has advanced knowledge of terminology and key concepts in law, criminology and related disciplines, including psychology and sociology, relevant to the field of study.		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 [SW1] oral statement/conversation/discussion	
	[KRYML3_K02] Is prepared to responsibly prepare for work, appropriately set priorities and plan activities, as well as to responsibly perform professional roles, including adherence to the principles of professional ethics and care for the standards of the profession.		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.			[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task	

Subject contents	<ul style="list-style-type: none"> 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
	quizzes	51.0%	20.0%
	discussions	51.0%	10.0%
	problem-based task	51.0%	50.0%
	elaborations	51.0%	20.0%
Recommended reading	Basic literature		any academic textbook on criminology
	Supplementary literature		<ul style="list-style-type: none"> Niehoff, 2001. Biologia przemocy. Poznan. Noir i Jessel, 1998. Zbrodnia rodzi sie w mozgu: Zagadka biologicznych uwarunkowan przestepczosci. Ksiazka i Wiedza. Longstaff, 2002. Neurobiologia, PWN. Sadowski, 2005. Biologiczne mechanizmy zachowania sie ludzi i zwierzat. PWN.
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> 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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