

Subject card

Subject name and code	Basics of stress physiology - lecture, PG_00132612						
Field of study	Criminology						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
Education level	Master's studies	Subject group			Optional subject group		
Mode of study	part-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			1.0		
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	10.0	0.0	0.0	0.0	0.0	10
	E-learning hours included: 0.0						
	eNauczanie source addresses: Moodle ID: 12627 Biologiczne podłoże uzależnień / Podstawy fizjologii stresu (2024/25) https://mdl.ug.edu.pl/course/view.php?id=12627						
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	10	0.0	15.0	25		
Subject objectives	<ul style="list-style-type: none"> • Understanding of the physiological mechanisms of stress. • Understanding of the interindividual variability in stress vulnerability. • Knowledge and understanding of disorders resulting from maladaptive stress responses. • Understanding of the relationship between stress, individual variability in stress vulnerability, and the biological basis of criminal behavior. 						
Learning outcomes	Course outcome	Subject outcome		Method of verification			
	[KRYMMU2_KK01] The graduate is aware of the level of his/her knowledge and skills, and also understands the need of lifelong learning	Based on feedback, the student is able to determine the state of his/her knowledge of the physiology of stress and stress-related disorders and indicate directions for his/her own development.		[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task			
	[KRYMMU2_UW01] The graduate utilizes theoretical knowledge in the field of criminology and the related scientific disciplines to analyze and interpret problems connected with widely understood crime	Is able to use knowledge of stress to interpret human behavior, including antisocial and criminal behavior.		[SU5] implementation of a problem task			
	[KRYMMU2_WG01] The graduate demonstrates widened knowledge about legal science and related penal sciences, their the place in the system of sciences and mutual relation	Has in-depth knowledge of stress and its biological basis, which is part of the knowledge about humans and the basis of their behavior, including antisocial behavior.		[SW4] test/exam - oral or written [SW5] implementation of a problem task			

Subject contents	<ul style="list-style-type: none"> • Physiological mechanisms of the stress response. • Stress as a pathological response. • Chronic stress and its consequences. • Interindividual differences in stress sensitivity. • Diagnostics of the stress response and stress vulnerability. • Stress and vulnerability to antisocial and criminal behavior. 		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	quizzes	51.0%	30.0%
	discussions	51.0%	20.0%
	problem-based tasks / case studies	51.0%	50.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> • Górska T., Grabowska A., Zagrodzka J. (red.) 1997. Mózg a zachowanie. Wydawnictwo Naukowe PWN, Warszawa. • Sadowski B. 2005. Biologiczne mechanizmy zachowania się ludzi i zwierząt. PWN. 	
	Supplementary literature	<ul style="list-style-type: none"> • Longstaff, Neurobiologia, PWN, Warszawa, 2002 • articles in specialist scientific journals (provided by teacher) 	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> • Test Indicate the brain structures involved in the inhibition of the stress response (select all correct answers). • Problem-based task Develop a synthetic theory of addiction based on an integration of existing theoretical models. • Case study Based on the provided case description, identify and justify a possible link between stress and criminal behavior. • Discussion Topic: Do all types of stress influence susceptibility to antisocial behavior to the same extent? 		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.