

**Subject card**

<b>Subject name and code</b>	Mysteries of the brain, PG_00137341						
<b>Field of study</b>	Archaeology						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>				2024/2025	
<b>Education level</b>	undergraduate studies	<b>Subject group</b>					
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>				at the university	
<b>Year of study</b>	1	<b>Language of instruction</b>				Polish	
<b>Semester of study</b>	2	<b>ECTS credits</b>				2.0	
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>	Pracownia Neurobiologii -> Katedra Fizjologii Zwierząt i Człowieka -> Faculty of Biology -> Rektor						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Wojciech Glac				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		2.0		18.0	50
<b>Subject objectives</b>	understanding the mechanisms of functioning of the human brain, understanding the neurobiological basis of love and prosocial behavior; emotions, stress, and affective disorders (i.e. major depression); aggression and antisocial and criminal behavior; sexual arousal and sexual behavior; addiction; sleep; learning and memory; attention and awareness, etc.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>			<b>Method of verification</b>	
			<p>understands the basic phenomena and physiological processes occurring in the human brain</p> <p>presents the general structure of the brain and the functional relationships between various brain structures</p> <p>knows the limitations of his own knowledge and understands the need for permanent learning and development, and is open to new ideas</p>			<p>[SK1] oral statement/conversation/discussion</p> <p>[SK4] test/exam - oral or written</p>	
<b>Subject contents</b>	<ul style="list-style-type: none"> <li>• basic information about the anatomy and functioning of the human brain;</li> <li>• neurobiological basis of love, empathy and prosocial behavior;</li> <li>• neurobiological basis of emotions, stress, and affective disorders, including depression;</li> <li>• neurobiological basis of aggression and antisocial, xenophobic and criminal behavior;</li> <li>• neurobiological basis of motivation and addictions;</li> <li>• neurobiological basis of sexual reactions and gender differences;</li> <li>• neurobiological basis of the near-death experiences;</li> <li>• neurobiological basis of learning and memory;</li> <li>• neurobiological basis of attention and consciousness</li> </ul>						
<b>Prerequisites and co-requisites</b>							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	simple problem task on description of one of everyday mental or social phenomena in neuroscience perspective (3,000 characters)	51.0%	20.0%
	quizzes with questions from the lecture topic with a defined number of answers (10 minutes/ quiz)	51.0%	70.0%
	participation in discussions during classes (minimum 3 voices in the discussion)	51.0%	10.0%
Recommended reading	Basic literature	any textbook on human neurobiology, e.g. Neurobiologia - krótkie wykłady. Alan Longstaff. Wydawnictwo PWN, 2012	
	Supplementary literature	none	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	<p>Sample quiz question: Indicate what brain structures functioning incorrect in the case of addiction to psychoactive substances. Sample problem task: Briefly describe what brain processes may be the basis for anxiety behavior in response to seeing man of different skin color than the observer. Example discussion topic: Does the described mechanism of falling in love accurately reflect what happens in the psyche of a person in love?</p>		
Work placement	Not applicable		

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