University of Gdańsk

Subject card

Subject name and code	Neurodiversity, PG_00179259		
Field of study	History		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2025/2026
Education level	Bachelor's studies	Subject group	
Mode of study	full-time studies	Mode of delivery	e-learning
Year of study	1	Language of instruction	Polish Polish
Semester of study	2	ECTS credits	2.0
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	30.0	0.0	0.0	0.0	0.0	30

E-learning hours included: 30.0

eNauczanie source addresses:
Moodle ID: 13339 Neuroróżnorodność - wykład ogólnouczelniany
https://mdl.ug.edu.pl/course/view.php?id=13339

Additional information:

Course completion is based on the accumulation of points from partial tests (covering specific topics and conducted periodically throughout the course) and a final test (covering the entire course content and administered after the completion of lectures). Both the partial tests and the final test allow students to earn up to 100 points each (200 points total). To pass the course, a minimum of 51 points is required.

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

The aim of the course is to provide students with knowledge about the neuropsychological basis of interindividual and sex-related differences in cognitive, emotional, and social functioning.

Learning outcomes

Course outcome	Subject outcome	Method of verification
	demonstrates knowledge of the neurobiological and neuropsychological basis of interindividual and sex-related variability, and understands the underlying causes of neurodiversity	[SW4] test/exam - oral or written [SU4] test/exam - oral or written

Subject contents

The lecture presents the current state of knowledge in the fields of neurobiology and related sciences concerning the foundations of various manifestations of neurodiversity. It explores the neurobiological basis of interindividual variability in brain structure and function, which underlies individual differences in emotional, cognitive, and social functioning, as well as in distinct personality traits. The course discusses manifestations of neurodiversity in processes such as perception, biological rhythms, learning and memory, attention, motivation, empathy, theory of mind, and creativity, among others. It also addresses individual differences in the functioning of large-scale brain networks and the resulting diverse patterns of psychological functioning and behavior.

Prerequisites and co-requisites

<table>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>partial knowledge tests consisting of multiple-choice questions</td><td>51.0%</td><td>50.0%</td></tr>
<tr><td>final test covering the entire course content, consisting of both open-ended and multiple-choice questions</td><td>51.0%</td><td>50.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>Longstaff, A. (2020). Neurobiologia. Wydawnictwo Naukowe PWN.

Strelau, J. (2006). Psychologia różnic indywidualnych. Wydawnictwo Naukowe Scholar.</td></tr>
<tr><td>Supplementary literature</td><td>Canli, T. (Ed.). (2006). Biology of Personality and Individual Differences. Guilford Press.

Matthews, G., Deary, I. J., & Whiteman, M. C. (2015). Personality Traits (4th ed.). Cambridge University Press.

Armstrong, T. (2010). Neurodiversity: Discovering the Extraordinary Gifts of Autism, ADHD, Dyslexia, and Other Brain Differences. Da Capo Press.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Sample multiple-choice question: Indicate the brain structures whose functioning differs in individuals located at the opposite ends of the autism spectrum.

Sample open-ended question: Briefly characterize the neuropsychological basis of interindividual differences in empathy.</td></tr>
<tr><td>Work placement</td><td colspan="2">Not applicable</td></tr>
</table>

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