SYLLABUS

COURSE TITLE:	Neuroeducation – what teacher should know about brain
CREDITS	2
LANGUAGE OF INSTRUCTION :	English
DEPARTMENT/FACULTY	Institute of Pedagogy/Education and Psychology
LECTURER(S)	Małgorzata Chojak, PhD

COURSE OBJECTIVES

Students who successfully complete this course will have basic knowledge and insight into:
• Student recognizes problems related to the implication of neurobiological research results in education,
• The student is familiar with modern brain imaging techniques,
• The student is aware of interdisciplinary discipline and learns how to conduct debates.

PREREQUISITES:	Basic knowledge about brain's structure

COURSE ORGANISATION –LEARNING FORMAT AND NUMBER OF HOURS

15 hours of workshops

COURSE DESCRIPTION

The subject is a research laboratory. Participants will independently design research using brain neuroimaging and based on current neuroscience knowledge.

METHODS OF INSTRUCTION	Lecture, discussion, experiment, demonstrations, case studies etc
REQUIREMENTS AND ASSESSMENTS	* Attendance and active participation in classes * Prepare own procedure of research * One short presentation
GRADING SYSTEM	Success in this course depends on attending class regularly, actively participating in class, and taking thorough notes.

TOTAL STUDENT WORKLOAD NEEDED TO ACHIEVE EXPECTED LEARNING OUTCOMES EXPRESSED IN TIME AND ECTS CREDIT POINTS

Activity	Hours:
Lecture	25
Workshops	15
Preparation for classes	20
Total	60
ECTS	2

STUDY MATERIALS

PRIMARY OR REQUIRED BOOKS/READINGS:

1. www.kenhub.com/en/library/anatomy/brodmann-areas
2. Mojtaba Soltanlou M., Sitnikova M.A., Nuerk H.C., Dresler T. (2018) Applications of Functional Near-Infrared Spectroscopy (fNIRS) in Studying Cognitive Development: The Case of Mathematics and Language, Front Psychol. 2018; 9: 277.