**SYLLABUS**

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| 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](http://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](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5891614/). 2018; 9: 277. |