CCNM17-CN-102 Cognitive Neuropsychology
Course Description

Aim of the course

Aim of the course: The aim of this course is to present the methods of cognitive neuropsychology and developmental neuropsychology. The developmental neuropsychology part covers the research methodology of the classical and modern adult neuropsychology. The practical is similar to the lecture in its methods, but different in its approach. The exploration of developmental and acquired childhood disorders and patterns are not achievable without the integrated knowledge of the cognitive architecture and the development of the brain. The course gives a methodical basis and trains skills that are necessary in methodology

Learning outcome, competences

knowledge:

- broad theoretical knowledge in cognitive neuropsychology
- has got an overview on the details of the scientific theoretical problems of cognitive neuropsychology;
- is well informed about the literature in cognitive neuropsychology and can integrate the information of related sciences

attitude:

- comprehensive theoretical interest
- is intent on deepening and strengthening their special professional interest.
- is open to an interdisciplinary approach of their field of science.

skills:

- comprehensive methodological knowledge
- is able to form necessary and relevant question to examine psychological phenomena, to collect and process data using the scientific methods of cognitive psychology;
- is able to announce their opinion independently according to professional-scientific expectations and defend it in professional forums;

Content of the course

Topics of the course

- Test and test-systems,
- The atypical development of perception,
- Childhood disorders of memory,
- Language disorders,
- Disorders of reading and writing,
- Developmental deficit in attention and executive processes,
- Learning disorders,
- Developmental syndromes,
- Inherited and developmental disorders,
- Acquired childhood disorders.

Learning activities, learning methods

Lectures and interactive discussions

Evaluation of outcomes

Learning requirements, mode of evaluation, criteria of evaluation:

- Midterm test (written exam)
- Individual presentation

mode of evaluation:

- writtem exam + activity

criteria of evaluation:

- Number of correct answers in test
- Problem-solving and presentation skills during the presentation

Reading list

Compulsory reading list

- Kolb, B., & Whishaw, I. Q. (2003). Fundamentals of human neuropsychology (5th ed.). New York, NY: Worth Publishers.
- Zaidel, D. W. (2005). Neuropsychology of art: neurological, cognitive, and evolutionary perspectives (Brain Damage, Behaviour, and Cognition). Hove [England] ; New York: Psychology Press.
- Temple, C. (1997). Developmental Cognitive Neuropsychology (Brain Damage, Behaviour, and Cognition). New York: Psychology Press

Recommended reading list

- If any, it shall be specified in the course description for each semester.