

**UNIwersytet Warszawski**  
**Dr. Thomas H Bak**  
**COGNITIVE NEUROPSYCHOLOGY: A CLINICAL PERSPECTIVE**

**Course instructor:** Dr. Thomas H Bak

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**Course Description:**

This course will approach cognitive neuroscience from a clinical, neurological perspective. We will examine how different disorders of the brain can affect a wide range of cognitive functions and what the study of cognitive disorders can contribute to our understanding of normal cognitive processes. In order to understand better the world of cognitive disorders, we will start with a general overview of brain diseases, with a particular emphasis on stroke and neurodegeneration, the two most common pathological processes affecting human cognition. We will then discuss in more detail aphasia and dementias, as disorders affecting predominantly language and memory (as well as executive functions) respectively.

The course will consist of lectures, discussions and presentations by students, in which we will be discussing relevant papers.

**Course Syllabus**

Session 1 - Introduction to the course. Different approaches to cognitive neuroscience.

Session 2 - The clinical and neurological foundations of cognitive neuroscience.

Session 3 - A historical overview & main cognitive domains.

Session 4 - Language & Aphasia. The importance of cross-linguistic & cross-cultural differences.

Session 5 – Memory, executive functions & Dementias. Movement & Cognition.

Session 6 – Students' presentations.