Neuropsychology (Semester 4, 3 ECTS)

Description
This course examines the structure and function of the brain with particular reference to cognitive, emotional, and behavioural disorders arising from damage to the brain. Emphasis is given to the study of brain-behaviour relationships, neuropsychological assessment, and rehabilitation. Topics include neuroanatomy; neuropsychological dysfunction affecting perception, movement, language, memory, emotion, and executive control of thought and behaviour; common neurological disorders including traumatic brain injury, stroke, alcohol related brain injury, and the dementias. The course examines treatment approaches to neuropsychological disorders and the management of chronic neuropsychological dysfunction, with reference also to neuropsychological services in Iceland.

Learning Outcomes
On completing the course students should be able to:
- demonstrate knowledge of the structure and function of the brain and disorders arising from damage to the brain
- demonstrate knowledge of current evidence-based neuropsychological diagnostic and treatment practices
- demonstrate knowledge of neuropsychological services in Iceland

Assessment
Students are required to participate in classroom reading and discussion assignments, and are assessed by essay and end-of-semester examination.