



Brain, Aging, and Behaviour Analysis

E-802-BRAG

6 ECTS (45 hours)

In this course students will learn about different neurocognitive disorders (NCD) affecting the brain, such as Alzheimer's Disease, Vascular Dementia, Frontotemporal dementia, and how the different diseases affect the individuals behaviour, both for individuals that were previously healthy and those with developmental disabilities. The students will also learn about the effect of traumatic brain injury (TBI) on behaviour. They will learn about other approaches in dementia care (e.g., medications, occupational therapy, and nursing) although the main emphasize will though be on behaviour analytic interventions used with individuals with NCD and TBI. The students will gain knowledge of the application of behaviour analytic principles when working with NCD/TBI patients, their significant others and in service delivery.

Teaching Methods:

Lectures, in-class individual and group activities.

Learning Outcomes

At the end of the semester students will be able to:

Knowledge:

- Demonstrate knowledge of different NCD's and TBI, neurological assessments and treatments.

Skills:

- Identify interventions based on behaviour analytic principles for individuals with NCD or TBI.

Competence:

- Be able to construct an intervention based on empirical literature and skills acquired in this course.

Assessment: Multiple choice questions, written assignment, presentations and discussion questions.