

Cognitive Rehabilitation and Functional Plasticity (D012767)

Course size (nominal values; actual values may depend on programme)

Credits 3.0 Study time 90 h Contact hrs 20.0 h

Course offerings in academic year 2018-2019

A (semester 2) Dutch

Lecturers in academic year 2018-2019

MIATTON, MARIJKE GE34 lecturer-in-charge

Offered in the following programmes in 2018-2019 crdts offering

[Master of Science in Speech Language and Hearing Sciences \(main subject Logopaedics\)](#) 3 A

Teaching languages

Dutch

Keywords

Cognitive rehabilitation, functional plasticity, interprofessional practice

Position of the course

This course aims to offer insight in the implementation of neuroscientific knowledge to neuropsychological and interprofessional rehabilitation. The students gain insight in the principles and methods of cognitive rehabilitation, as well as the theoretical basis and practical effects of functional plasticity. The students learn how these insights can be applied to the rehabilitation of cognitive deficits.

Contents

General principles and common strategies of cognitive rehabilitation are discussed. The major determinants of cognitive rehabilitation are explained. The concept of functional rehabilitation (plasticity) is discussed and the major theories of functional recovery following brain lesions are covered. We focus on the rehabilitation of attention, memory, neglect and hemianopsia, apraxia, executive functioning. We explain the concept of "interprofessional teamwork in health care" and focus on the draw up of an interprofessional care plan.

Initial competences

Notion of basic psychology and neuropsychology is recommended.

Final competences

- To choose and argument the best treatment option for an individual case, taking influencing factors into account
- to draw up an interprofessional care plan
- to have insight into the concept of functional plasticity

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Lecture

Extra information on the teaching methods

lecture

Learning materials and price
presentation hand outs

References

R. Ponds, C. Van Heugten, L. Fasotti, E. Wekking. Neuropsychologische behandeling, Boom, 2010.
A. Vyt. Interprofessioneel en interdisciplinair samenwerken in gezondheid en welzijn. Garant, 2015.

Course content-related study coaching
please consult the professor

Evaluation methods
end-of-term evaluation

Examination methods in case of periodic evaluation during the first examination period
Open book examination

Examination methods in case of periodic evaluation during the second examination period
Open book examination

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation
not applicable

Extra information on the examination methods
open book exam

Calculation of the examination mark
the open book exam stands for 100% of the final score.