

# Course Specifications

From the academic year 2015-2016 up to and including the

## Cognitive Rehabilitation and Functional Plasticity (D012275)

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

Credits 4.0 Study time 100 h Contact hrs 15.0 h

Course offerings and teaching methods in academic year 2018-2019

A (semester 1) Dutch lecture 15.0 h

Lecturers in academic year 2018-2019

MIATTON, MARIJKE GE01 lecturer-in-charge

Offered in the following programmes in 2018-2019

	crdts	offering
<a href="#">Master of Science in Speech Language and Hearing Sciences (main subject Audiology)</a>	4	A
<a href="#">Master of Science in Speech Language and Hearing Sciences (main subject Logopaedics)</a>	4	A

Teaching languages

Dutch

Keywords

Cognitive rehabilitation and functional plasticity

Position of the course

This course aims to offer insight in the implementation of neuroscientific knowledge to neuropsychological 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 dysfunctions.

Contents

General principles and usual strategies of cognitive rehabilitation are discussed. The major determinants of cognitive rehabilitation are explained. The concept of functional rehabilitation is critically discussed and the major theories of functional recovery following brain lesions are covered. We focus on the rehabilitation of attentional difficulties, neglect, executive disfunction, apraxia, memory disorders, and aphasia.

Initial competences

Notions of psychology is recommended.

Final competences

- 1 General purposes:  
Integration and reformulation of knowledge and insights in a specific domain considering specific cognitive logopaedic and audiological learning outcomes:  
- related to learning: development and disorders;
- 2 Specific purposes:  
Having sufficient insight in the concepts of cognitive rehabilitation and functional plasticity.  
Being able to point out the possibilities and limitations of cognitive rehabilitation for different cognitive domains.

Conditions for credit contract

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

Conditions for exam contract

Access to this course unit via an exam contract is unrestricted

Teaching methods

Lecture

Learning materials and price

Presentation handouts (in Dutch, available: Minerva)

References

Halligan & Wade: Effectiveness of Rehabilitation for Cognitive Deficits. Oxford University Press, 2005

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

Calculation of the examination mark

The period-bound evaluation stands for 100% of the final score of this course.