Course Specifications
Valid in the academic year 2018-2019

Course
Neuroanatomics (H002134)

Lecturers in academic year 2018-2019
D’Herde, Katharina
GE38 lecturer-in-charge

Course offerings and teaching methods in academic year 2018-2019
A (semester 2) Dutch
practicum 5.0 h
lecture 17.5 h

Offered in the following programmes in 2018-2019
Bachelor of Science in Psychology (main subject Theoretical and Experimental Psychology)
Offering 3 A

Linking Course Master of Science in Psychology (main subject Teacher Education and Training)
Offering 3 A

Linking Course Master of Science in Psychology (main subject Theoretical and Experimental Psychology)
Offering 3 A

Preparatory Course Master of Science in Psychology (main subject Teacher Education and Training)
Offering 3 A

Preparatory Course Master of Science in Psychology (main subject Theoretical and Experimental Psychology)
Offering 3 A

Dutch

Macroscopic anatomy, central nervous system.

Neuroanatomy further elaborates on the insights given in the course physiology concerning structure and function of the human brain. It contributes to the module Models in Psychology, in which understanding, explaining and predicting the human is central.

Contents
- development of the central nervous system
- macroscopic anatomy of the central nervous system
- vascularisation of the central nervous system
- 3-D structure of the ventricular system and meninges
- functional anatomy of the cerebral cortex
- functional anatomy of the basal ganglia
- functional anatomy of the limbic system

Initial competences
Basic knowledge on structure and function of the central nervous system.

Final competences
1. To demonstrate insights in the 3D structure of the human brains by recognition of anatomical structures in prosected specimens
2. To explain major abnormalities of the central nervous system based on insights in the normal development of it
3. To explain symptoms of cerebrovascular accidents based on insights in the regional vascularization of the brain
4. Having insights in the functional anatomy of the basal ganglia, the cerebral cortex and the limbic system and explaining the symptoms in case of dysfunction

(Approved)
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, practicum

Extra information on the teaching methods
Lectures, labsessions with use of human brains.

Learning materials and price
Course material (Minerva)

References
- Fundamental Neuroscience for Basic and Clinical applications, third edition, Duane E. Haines, Elsevier 2006
- Neuroanatomy through clinical cases, Hal Blumenfeld, Sinauer Associates, Inc., 2010

Course content-related study coaching
In case of questions the teacher can be contacted by mail.

Evaluation methods
end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period
Written examination with open questions, written examination with multiple choice questions

Examination methods in case of periodic evaluation during the second examination period
Written examination with open questions, written examination with multiple choice questions

Examination methods in case of permanent evaluation
Written examination

Possibilities of retake in case of permanent evaluation
examination during the second examination period is possible

Extra information on the examination methods
Examination in case of permanent evaluation:
Written exam based on recognition of structures on human brains.

Calculation of the examination mark
Standard setting is applied for multiple choice questions.