

COURSE DETAIL

DEVELOPMENTAL NEUROPSYCHOLOGY

Country

Netherlands

Host Institution

Maastricht University - Center for European Studies

Program(s)

Psychology and Neuroscience, Psychology and Neuroscience, Maastricht

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

116

UCEAP Course Suffix

A

UCEAP Official Title

DEVELOPMENTAL NEUROPSYCHOLOGY

UCEAP Transcript Title

DEVELOPMNT NEUROPSY

UCEAP Quarter Units

8.50

UCEAP Semester Units

Course Description

This version of the Developmental Neuropsychology course includes an Independent Study Project (ISP) done under the direction of the instructor. The ISP is 10-12 pages and counts for 1/3 of the overall grade for the course. In this course, students are introduced to the innovative field of developmental neuropsychology. The anatomy of the brain and relevant brain functions are introduced at the beginning of the module. Through case studies, students explore the fundamental research and the most recent advances in the field. Students attempt to find solutions to the questions presented by researching various articles and group discussion. Cognitive development is typically measured by changes or improvements in cognitive processes. In this course, processes such as language, reasoning, and memory, etc. are explored in terms of their developmental trajectory and how this trajectory relates to changes in the maturing brain. Students examine how these developmental changes can be measured by various neurological methods (e.g. fMRI and EEG). The field trip included in the course focuses on the importance of neuroscientific research methods and forms a unique and practical insight into the subject matter. Midway through the course the students construct a research proposal regarding developmental neuropsychology in subgroups and present this proposal. Prerequisites for this course include at least one intermediate level psychology course. It is recommended that the students have an interest in the development of the human brain and cognitive development. An interest in scientific research and methods is also recommended.

Language(s) of Instruction

English

Host Institution Course Number

PNE2005

Host Institution Course Title

DEVELOPMENTAL NEUROPSYCHOLOGY

Host Institution Campus

Host Institution Faculty

Center for European Studies

Host Institution Degree

Host Institution Department

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