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

5.70

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 Course Details
Host Institution Campus
Host Institution Faculty Center for European Studies
Host Institution Degree
Host Institution Department
Course Last Reviewed

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