

# COURSE DETAIL

## AN INTRODUCTION TO DEVELOPMENTAL NEUROPSYCHOLOGY

**Country**

Netherlands

**Host Institution**

Maastricht University - Center for European Studies

**Program(s)**

Maastricht Summer

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Psychology

**UCEAP Course Number**

114

**UCEAP Course Suffix****UCEAP Official Title**

AN INTRODUCTION TO DEVELOPMENTAL NEUROPSYCHOLOGY

**UCEAP Transcript Title**

DEVELPMNTL NEUROPSY

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

In this course, students are introduced to the innovative and mind-blowing 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 endeavor to find solutions to the questions presented by researching various articles and group discussion. For example, why is there a change in the ability to discriminate between human faces and monkey faces in babies of 12 months? And why is this difference not present at 6 months? 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. It examines 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.

### Language(s) of Instruction

English

### Host Institution Course Number

PNE2006

### Host Institution Course Title

AN INTRODUCTION TO DEVELOPMENTAL NEUROPSYCHOLOGY

### Host Institution Campus

Maastricht University

### Host Institution Faculty

### Host Institution Degree

**Host Institution Department**

Center for European Studies

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