COURSE DETAIL

DEVELOPMENTAL COGNITIVE AND SOCIAL NEUROSCIENCE
Country Italy
Host Institution University of Padua
Program(s) Psychology and Cognitive Science, Padua
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Psychology
UCEAP Course Number 157
UCEAP Course Suffix
UCEAP Official Title DEVELOPMENTAL COGNITIVE AND SOCIAL NEUROSCIENCE
UCEAP Transcript Title DEVL COG&SOC NEURO
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course explores the theoretical background of the development of the neural basis of cognitive function, and basic knowledge of neural development of cognitive functions and methods to study the neural mechanism of cognitive development. The course considers questions such as: What is the nature of developmental change? What are the brain mechanisms underlying cognitive, perceptual, social, and emotional development during infancy and childhood? The course evaluates implications of findings from developmental cognitive neuroscience for broader scientific issues including nature vs. nurture, critical periods in development, and the modularity of mental functions. An integral part of the course is careful consideration of the major methods of developmental cognitive neuroscience including functional magnetic resonance imaging (fMRI), recordings of evoked response potentials (ERPs), and behavioral marker tasks. The course devotes particular attention to the unique challenges of applying these methods to the study of infants and children in typical and atypical development. The course requires students to have basic knowledge on general cognitive functions such as perception, attention, language, and memory as a prerequisite.

Language(s) of Instruction
English

Host Institution Course Number
PSQ1096320

Host Institution Course Title
DEVELOPMENTAL COGNITIVE AND SOCIAL NEUROSCIENCE

Host Institution Course Details
https://en.didattica.unipd.it/off/2021/LM/PS/PS1090/002PD/PSQ1096320/N0

Host Institution Campus

Host Institution Faculty
Psychology

Host Institution Degree Second Cycle Degree in Developmental and Educational Psychology
Host Institution Department
Course Last Reviewed 2021-2022

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