COURSE DETAIL

COGNITIVE NEUROSCIENCE AND BRAIN PLASTICITY
Country Italy
Host Institution University of Bologna
Program(s) University of Bologna
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Psychology
UCEAP Course Number 150
UCEAP Course Suffix
UCEAP Official Title COGNITIVE NEUROSCIENCE AND BRAIN PLASTICITY
UCEAP Transcript Title COGNIT NEUROSCIENCE
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course is part of the Laurea Magistrale degree program and is intended for advanced level students. Enrollment is by permission of the instructor. By the end of the course, students know the brain processes underlying maturation, plasticity and aging and the associated changes in cognitive and emotional functions across the life span. The course is designed to provide advanced knowledge of the neural basis and functional mechanisms of human behavior, affective and cognitive processes and their alteration in patients with neurological and psychiatric disorders, drawing on both theoretical and methodological contributions of current literature, and integrating different methodological approaches, with practical examples in the areas of brain health, well-being and social neuroscience. The course involves 2 modules, which include: Methods in Cognitive Neuroscience (physiological measures, brain stimulation, functional imaging and neuropsychological approach); Brain maturation; Processing emotional and social information: Theories of emotions, perceptions of emotions, fear conditioning and empathy; Healthy aging: changes in behavioral and neuroanatomical substrates.

Language(s) of Instruction
English

Host Institution Course Number
93505

Host Institution Course Title
COGNITIVE NEUROSCIENCE AND BRAIN PLASTICITY

Host Institution Course Details
https://www.unibo.it/en/study/phd-professional-masters-specialisation-schools-a…

Host Institution Campus
BOLOGNA

Host Institution Faculty

Host Institution Degree
LM in PSYCHOLOGY OF WELLBEING AND SOCIAL INCLUSIVITY

Host Institution Department
Psychology - PSI

Course Last Reviewed
2023-2024

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