UNIVERSITÀ DI PISA

SENSORY AND COGNITIVE NEUROSCIENCE

PAOLA BINDA

Academic year	2022/23
Course	NEUROSCIENCE
Code	467MM
Credits	6

Modules	Area	Type	Hours	Teacher(s)
SENSORY AND COGNITIVE NEUROSCIENCE	M-PSI/02	LEZIONI	48	PAOLA BINDA GUIDO MARCO CICCHINI

Obiettivi di apprendimento

Conoscenze
The student who completes the course successfully will be able to demonstrate a solid knowledge of the function of the cortical process in human, particularly of the sensory corticies.

Modalità di verifica delle conoscenze
During the examination the student will be assessed on his/her knowledge and deep understanding of the topics dealt with during the course with a focus on the student's ability to link different topics in a comprehensive view.

Modalità di verifica dei comportamenti
Recommended reading includes the didactic materials available online for students. Further detailed bibliographic references will be indicated during lessons.

Indicazioni metodologiche
Frontal lessons

Programma (contenuti dell'insegnamento)
Psychophysical and behavioural methods? Coding and decoding mechanisms of Sensory Stimuli?
Higher Cortical Functions and Processing for Visual and Auditory signals; Representation of Space and Time? Representation of number; Sensory Motor interactions? Attention? Development and Plasticity of human Sensory System; Blindsigth and hemianopia, language, numerical cognition, time perception,endogenous rhythms and synchronization.

Bibliografia e materiale didattico
Recommended reading includes the didactic materials available online for students. Further detailed bibliographic references will be indicated during lessons (Slides and Reviews articles)

Modalità d'esame
Oral Examination

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