



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; Blindsight 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

Ultimo aggiornamento 29/07/2022 10:57