COURSE DETAIL

PSYCHOLOGY OF MULTISENSORY INTEGRATION
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 176
UCEAP Course Suffix
UCEAP Official Title PSYCHOLOGY OF MULTISENSORY INTEGRATION
UCEAP Transcript Title PSY MULTISEN INTGRT
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course is part of the Laurea Magistrale program. The course is intended for advanced level students only. Enrollment is by consent of the instructor. This course describes and evaluates the results of recent research on multisensory integration. First, the mechanisms underlying multisensory integration are outlined. The course then examines the perception of multisensory events, the advantages afforded by the ability to combine different sensory modalities and the key determinants of intersensory interactions. Another key question addressed is how multisensory interactions are linked to and modulated by attention. The course specifically considers the latest evidence assessing the role of exogenous and endogenous attentional mechanisms on cross-modal processes. In addition, the course also focuses on recent research concerning how multisensory information is used to create multiple spatial representations of our body parts and of the spaces within which they can act. The course reviews how these representations that are used to guide body movements through space show a considerable degree of plasticity. Finally, the course considers how the cortical system for perception may become radically reorganized after sensory deprivation and evaluate this surprising degree of cross-modal plasticity.

Language(s) of Instruction
English

Host Institution Course Number
95700

Host Institution Course Title
PSYCHOLOGY OF MULTISENSORY INTEGRATION (1) (LM)

Host Institution Course Details
https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/466856

Host Institution Campus
BOLOGNA

Host Institution Faculty

Host Institution Degree
LM in SEMIOTICS

Host Institution Department
Philosophy and Communication Studies

Course Last Reviewed
2022-2023

Print