COURSE DETAIL

LABORATORY IN HUMAN COGNITION
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 179
UCEAP Course Suffix
UCEAP Official Title LABORATORY IN HUMAN COGNITION
UCEAP Transcript Title LAB IN HUMAN COGNTN
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course includes laboratory experience and discusses various paradigms and phenomena related to different aspects of human cognition. The course discusses topics related to experiments including the ability to understand the aims and the experimental design underlying an experimental paradigm used to study a given phenomenon; the ability to evaluate both internal and ecological validity in a given experimental paradigm; the ability to identify the weaknesses underlying a given experimental paradigm; and the ability to accurately interpret the meaning of the results of an experiment. The course begins with methodological issues related to experimental psychology and works its way up from lower-level perceptual aspects of cognition, such as vision and object recognition, and then on to higher-level cognitive abilities. The phenomena that are illustrated and discussed are, among others, perceptual effects, the pop-out effect, the Simon effect, the Stroop effect, and also more recent phenomena illustrating how the cognitive system reacts to social signals and experimental settings with high ecological validity. Effort is made to keep theory and lab practice in parallel. Basic methodological aspects underlying the different experimental paradigms is also given strong emphasis. The course illustrates the relationship between the different effects investigated in the lab with the way cognitive processes are used in real life. The course requires students to have basic knowledge in cognitive psychology and methodology in experimental psychology and cognitive neuroscience as a prerequisite.

Language(s) of Instruction
English

Host Institution Course Number
PSP8082637

Host Institution Course Title
LABORATORY IN HUMAN COGNITION

Host Institution Course Details
https://en.didattica.unipd.it/off/2023/LM/PS/PS1091/000ZZ/PSP8082637/N0

Host Institution Campus
Host Institution Faculty Psychology
Host Institution Degree Second Cycle Degree in Neuroscience and Neuropsychological Rehabilitation
Host Institution Department
Course Last Reviewed 2023-2024

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