



COGNITION

Enrollment year	2022/2023
Academic year	2022/2023
Regulations	DM270
Academic discipline	M-PSI/01 (GENERAL PSYCHOLOGY)
Department	DEPARTMENT OF BRAIN AND BEHAVIORAL SCIENCES
Course	PSYCHOLOGY, NEUROSCIENCE AND HUMAN SCIENCES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	2nd semester (30/01/2023 - 16/06/2023)
ECTS	6
Lesson hours	36 lesson hours
Language	English
Activity type	WRITTEN AND ORAL TEST
Teacher	RINALDI LUCA (titolare) - 6 ECTS
Prerequisites	There is no specific precondition to attend this course.
Learning outcomes	<p>The main goal of this course is to illustrate the diversity of experimental approaches employed to study different aspects of cognition, such as memory and attention. This course will also elucidate how the assumptions made by cognitive researchers are reflected in their experimental methods.</p> <p>From a more practical standpoint, the course aims at offering a wide understanding of the experimental designs of classic reaction time paradigms in psychology. In addition to this, there will also be dedicated moments in which the students will have a direct grasp on designing and programming computerized experiments, as well as analyzing and interpreting the relative data.</p>
Course contents	This course is conceived as an introduction to experimental psychology and, more specifically, to the classical paradigms used in cognitive

	<p>research. Students will be first offered a basic theoretical understanding of some classic experimental tasks in different areas of cognition (e.g., Priming task, Stroop task, Posner cueing task). Next, students will be illustrated the experimental design beyond such tasks. Students will also have the chance to program and conduct some of these experiments. Finally, they will also gain experience in the analysis and interpretation of behavioural data.</p>
Teaching methods	<p>Teaching methods include typical lectures about the classic experimental tasks used in cognition, as well as direct experience with paradigms and data collection. Students will be strongly encouraged to actively participate in discussions.</p>
Reccomended or required readings	<p>Materials (e.g., slides, papers, script) will be made available during the course.</p>
Assessment methods	<p>The exam will consist of a written examination (depending on the pandemic situation the exam may eventually take place online in the form of an oral interview).</p>
Further information	
Sustainable development goals - Agenda 2030	<p>\$ibl legenda sviluppo sostenibile</p>