



### EXPERIMENTAL PSYCHOLOGY

<b>Enrollment year</b>	2022/2023
<b>Academic year</b>	2022/2023
<b>Regulations</b>	DM270
<b>Academic discipline</b>	M-PSI/01 (GENERAL PSYCHOLOGY)
<b>Department</b>	DEPARTMENT OF BRAIN AND BEHAVIORAL SCIENCES
<b>Course</b>	PSYCHOLOGY, NEUROSCIENCE AND HUMAN SCIENCES
<b>Curriculum</b>	Cognitive Psychology and Neuroscience
<b>Year of study</b>	1°
<b>Period</b>	1st semester (03/10/2022 - 21/12/2022)
<b>ECTS</b>	6
<b>Lesson hours</b>	36 lesson hours
<b>Language</b>	English
<b>Activity type</b>	WRITTEN AND ORAL TEST
<b>Teacher</b>	VECCHI TOMASO ELIA (titolare) - 4 ECTS FERRARI CHIARA - 2 ECTS
<b>Prerequisites</b>	Advanced knowledge on cognitive processes and methods in neuroscience and experimental psychology.
<b>Learning outcomes</b>	This course is designed to familiarize the student with typical methods and techniques employed in psychology research.
<b>Course contents</b>	The course introduces students to experimental research methodology, with an overview of basic concepts such as experimental variables, experimental control, and causal inferences. We will also describe the principles of experimental design and analyses and we will discuss the strengths and weaknesses of experimental methodology in different research contexts. Teaching methods include both lectures and practical works on published papers.

## Teaching methods

Lessons and dedicated seminars (analyses of scientific texts).

**Reccomended or required  
readings**

Vecchi T. & Gatti D. (2020). Memory as prediction. MIT Press,  
Cambridge,  
US



Oral and individual written essay

**Further information**



