

## Doctoral Programme in Cognitive Science

### Study Program a.y. 2022/2023

Domain	Course	Hours	Credits	Notes
<b>Cognitive Science</b>	Epistemology of Cognitive Science	10	2	Mandatory
<b>Designing Studies</b>	ReproducibiliTEA: Open Discussion about OPEN Science	10	2	Mandatory
<b>Designing Studies</b>	Ethics of Research in Psychology and Cognitive Science	10	2	At least 25 Hours
<b>Designing Studies</b>	Research in psychology: An overview of questionable and best practices	5	1	
<b>Designing Studies</b>	Mixed Methods Design	10	2	
<b>Designing Studies</b>	Experimental design	10	2	
<b>Analyzing</b>	Data Analysis with R	15	3	At least 35 Hours
<b>Analyzing</b>	Data Management in SAS	5	1	
<b>Analyzing</b>	Latent Variables Analyses: Factor analysis and Structural equation modeling with Mplus	15	3	
<b>Analyzing</b>	EEG set-up and Data Analysis for psychology research	10	2	
<b>Analyzing</b>	Machine Learning with Python	10	2	
<b>Disseminating</b>	Communicating your Research (Poster/Talks)	10	2	Mandatory
<b>Disseminating</b>	How to publish in and write for international journals	10	2	Mandatory
<b>Teaching</b>	Strategies and tools to plan Academic Teaching (subito)	15	3	Mandatory