

PhD COURSE IN "SCIENCES OF MIND" (XXXVIII cycle) Program

Year	Activity	Duration (hours)	Description	Notes
I	English for the sciences of the mind and the brain	14	This activity aims to refine and improve the level of scientific English applied to Cognitive Science through a CLIL/CBI (Content and Language Integrated Learning/Content Based Instruction) approach to teaching English for specific purposes. The teaching is based on activities of comprehension, analysis and language production, with a focus on the use of scientific articles and abstracts related to Cognitive Science. The teaching stimulates PhD students to become familiar with the specific language of Cognitive Science, acquiring the communicative skills necessary to understand and organize information and arguments in English.	Includes final exam
I	Methods in Cognitive Neurosciences	14	The aim of the course is to provide doctoral students with the tools to understand the methodologies used in cognitive neuroscience to study the relationships between brain and behaviour. The course provides knowledge on the use of investigative techniques mainly applied to cognitive neuroscience, promoting the development of original ideas and their application in a clinical and research context. The teaching includes modules relating to the description of the following topics: -psychophysiological indices, -non-invasive brain stimulation techniques -Computerized eye-tracking	
I	Methods in Social and Psychological Research	14	-Event-related potentials and EEG This activity aims to provide doctoral students with an introduction to structural equation models (SEM) with a special focus on measurement and structure	

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Furthermore, doctoral students will					
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			literature review in all its parts	
			(introduction, materials and	
			methods, results, discussion,	
			conclusions and clinical	
			implications).	
I	Publish or Perish, Publishing in	7	Writing, publishing and	
	high- impact journal		disseminating new knowledge is an	
			important part of academic activity	
			also in the field of psychology.	
			Therefore, the wide dissemination	
			of scientific research results	
			depends on the choice and selection	
			of a high-impact peer-reviewed	
			scientific journal in which to	
			publish the paper. The course aims	
			to provide useful tools for exploring	
			the editorial process by proposing	
			recommendations and suggestions	
			for the writing of scientific articles	
			and their submission (and	
			acceptance) in international	
			scientific journals. Specifically, the	
			topics covered are: editorial	
			process, main reasons for	
			manuscript rejection, how to choose	
			the most suitable journal in the field	
			of psychology (consulting WOS,	
			SCOPUS and bibliometric indexes),	
			suggestions on writing a scientific	
			article: preparation of figures and	
			tables, writing, bibliography, title	
			and cover letter.	
I, II	Journal Club	14	The "Journal Club" teaching aims	
			to develop the skills of effective	
			scientific communication in	
			doctoral and post-doctoral students	
			and to develop critical and	
			evaluative skills regarding various	
			research topics in the different	
			fields of psychology. The course	
			consists of lectures in which the	
			lecturer illustrates the different	
		1	sections of an oral communication	
			(background, objectives, materials	
			and methods, results and	
			conclusion) and practical activities	
			in which the doctoral students	
			practice presenting in English the	
			objectives, methodology and results	
			of studies in the literature on	
		1	psychology topics of interest to the	
			1 0 0 1	
			doctoral programme.	