
Testi del Syllabus

Resp. Did.	BERNARDIS PAOLO	Matricola: 009028
Docente	BERNARDIS PAOLO, 7 CFU	
Anno offerta:	2017/2018	
Insegnamento:	894SM - NEUROSCIENZE COGNITIVE	
Corso di studio:	SM54 - NEUROSCIENZE	
Anno regolamento:	2016	
CFU:	7	
Settore:	M-PSI/02	
Tipo Attività:	C - Affine/Integrativa	
Anno corso:	2	
Periodo:	Primo Semestre	
Sede:	TRIESTE	



Testi in italiano

Lingua insegnamento	English
Contenuti (Dipl.Sup.)	<p>A brief summary of the brain structures, from the neuron to the highly specialized areas of the cortex. An extensive exposition of the cognitive neuroscience methods: electrophysiology, brain imaging, patients' studies, and transcranial magnetic stimulation. The main theories and findings in the fields of high- and low-level vision, space perception, human movement, mathematical abilities, language and writing, executive functions, emotions and social cognition.</p> <p>The course will be organized in two parts: 46 Hs of introductory theoretical lectures, 8 of which are conceived as a specific seminar dedicated to comparative cognition, and held by prof. Cinzia Chiandetti. The seminar will focus on the core knowledge hypothesis, showing how studies on non-human animals, infants and tribal populations can shed light on the existence of raw mechanisms predisposed in the brain, shared by species, and at the basis of further learning abilities in the domains of space, number, intuitive physics and psychology.</p> <p>The second part is devoted to students' presentation (8 Hs) of scientific papers. Each student will have to orally present to the class a scientific paper in the Journal club format. The papers will be chosen from a selection provided by the teacher during the course. Students are encouraged to use electronic presentations. The presentation is mandatory.</p> <p>Students, who didn't have the possibility to present the scientific paper (because abroad), must prepare a critical essay to send by email one week before the examination. For more information, contact the professor by email. The list of papers will be available during the course.</p>
Testi di riferimento	Jamie Ward. (2015). The Student's Guide to Cognitive Neuroscience. Psychology Press: NY. 3rd edition

Obiettivi formativi	AIMS: The aim is to provide a brain-based account of cognition, and a wide knowledge of the neuroscience methods.
Prerequisiti	none
Metodi didattici	theoretical lectures and workgroup
Altre informazioni	Scientific papers, web links and lessons' pdf will be given during the course, and could be downloaded from the teacher website (www.units.it/bernardis/didattica.html). following the link: "Access restricted to registered University of Trieste staff and students" and using the password provided during the course.
Modalità di verifica dell'apprendimento	EXAM: Written part (50%): 4 open questions. Students should respond to the questions in 1 hour of time. Oral part (50%): Presentation of a short empirical paper to the class. Instruction on how to prepare the presentation will be given during the course.
Programma esteso	-



Testi in inglese

	English
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