

**XXXVI series**

(calendar: <http://hit.psy.unipd.it/BMCS/bmcs-activity-calendar>)

Course	Instructors	Length	150 hrs
<b>Mandatory courses [7]</b>			
Foundations of cognitive neuroscience	Priftis	10	yes
How to write and present scientific results	Salcuni, Vardanega	15	yes
Human and machine vision	Ballan, Campana	12	yes
Human-computer interaction	Gamberini, Spagnolli	16	yes
Methodological foundations and statistics in cognitive science	Bertoni	8	yes
Scenarios of Internet of things	Vardanega, Zanella	20	yes
Tools and applications of machine learning	Navarin, Monaro	20	yes
		<b>101</b>	
<b>Optional courses with an interdisciplinary scope</b>			
Cognition and computation	Testolin	6	
ICT for disabilities	Arfè, Mich	6	yes
Legal, ethical and societal issues in ICT		6	yes
Principles of Computational creativity	Rodà	6	yes
Serious games and Social Networks	Gaggi, Guidi	6	yes
Towards a Hyperconnected World: Opportunities and Challenges	Palazzi, Bujari	6	yes
		<b>36</b>	
<b>Optional courses with a vertical approach</b>			
Doing research in and for hospitals	Miscioscia		
Explainable Machine Learning	Susto	6	yes
Temporal Logic in AI	Bresolin	6	yes
		<b>12</b>	
<b>Optional courses to improve programming and transferable skills</b>			
Computer-assisted research	Scquizzato	6	yes
Python for non-computer scientists	Polato	12	
Tools for on-line experiments	Contemori	12	yes
Entrepreneurship	UNIPD	8	yes
Proposals writing and grants	UNIPD	6	yes
		<b>44</b>	
		<b>193</b>	

*Highlighted:*

*"Statistics course in English at statistics dept. "*

*"Advanced topics in scientific and parallel programming with practical application to the CAPRI HPC infrastructure" at information engineering dpet (DEI)*

*"Entrepreneurship and Technology-based Startup"*